



SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

BANGALORE UNIVERSITY

**BANGALORE UNIVERSITY JNANABHARATHI CAMPUS BENGALURU - 560056
560056**

www.bangaloreuniversity.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

March 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

In 1964, the Central College which was the Science Centre of the then Mysore University was the focal location for the establishment of the Bangalore University. The Crest for the University as designed and adopted since then and as illustrated below aptly symbolizes the motto of the institution in Sanskrit – ‘*Jnananam Vignanasahitam*’ – adopted from the Bhagvad Gita (Chapter 9), to mean - ‘**imparting supreme knowledge is through scientific means**’. Over the years, the BU established a number of departments in the faculties of Arts, Commerce and Management, Humanities and Languages, and acquired the status of a **multidisciplinary university** long before the recommendations of the NEP 2020. As at present, it has a plethora of 47 departments, three constituent colleges (Engineering, Physical Education and Law) and recognized higher education hubs established on its sprawling campus of over 1,111 acres.

Bangalore University (BU) is among the top 64 academic institutions in India (NIRF Ranking, 2022), which was 68 in 2020 and is ranked No.2 among the Universities in Karnataka. BU is accredited by NAAC with Grade ‘A’ with score of 3.16 in its previous cycle, and has been provided Graded Autonomy by MHRD, Govt. of India. BU’s All India Rank is 91-96 in the QS 2020 World University Rankings. BU was ranked between 351-400 among 9000 participating universities in BRICS 2020. BU is ranked 9th among the multi-disciplinary universities in India (India today ranking 2020). In the last 5 years 16,368 students have been admitted for 108 UG and PG programmes, 42 PhD programmes in 6 faculties. There are more than 1,374 foreign students from 38 countries.

During the last five years, BU has introduced thirty-two new degree, diploma, and certificate programmes in frontier areas of arts, humanities, sciences & technology, to promote employability and professionalism amongst students. As a pioneering University of the country, to implement the NEP 2020 in letter and spirit, BU has also introduced the 4 Four-year undergraduate honours courses in BA, BSc, and BCom, with a provision for multiple entry and exit options and diverse open elective options thereby reflecting its Vision, Mission and Objectives. BU’s core values are Ethics and Integrity, Environmental Consciousness & sustainable development, Promotion of Indian culture and heritage, Service to society and contribution towards nation building.

Vision

The clearly-stated Vision of BU is

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

BU continuously strives to achieve excellence in higher education. It is evident through the incremental improvement in its ranking over the years and its academic and research achievements. BU has received various Research Projects funded by agencies such as DST, MNRE, ARDB, ICSSR, ICMR, etc. amounting to more than Rs. 13,614.52 Lakhs in the last five years. It has received Rs. 239.07 extramural funding for research.

Total Research publications are 2,237 in SCOPUS & Web of Science (WoS) between 2016-17 and 2021-22, and 1,065 publications in UGC Care Journals. Total of 28 departments have benefitted from various schemes of the UGC. 216 faculty members have undertaken research projects. To promote research culture, BU has disbursed seed money of Rs. 217.18 lakhs to 109 teachers, from its internal resources. 119 patents have been filed and 53 are granted. Dedicated research Centres have been established for Nano and Material Sciences, During the last five years, research on thrust areas such as Fire and Combustion, Management, Social Sciences, Education and Ancient History & Culture is being pursued. In an endeavor to promote excellence, BU has successfully implemented e-governance covering online admissions, examinations, finance and administration. It is one of the leading public universities in the country to implement digitalization in the examination system.

BU has initiated affirmative actions such as freeships and reservations to serve students from socially-disadvantaged communities, with the intension of increasing enrollment to higher education. One hundred percent reserved category seats are filled every year. On an average, 68% students are getting the benefit of freeships every year. Student support facilities have resulted in maximum number of students opting for and completing the courses successfully. The dropout rates also have reduced over the years especially among socially- and economically-weaker sections of the society. Social inclusion, Equal Opportunity and support to the marginalized, and *Divyangajan* and a vibrant International Student Centre established in 2017 to host nearly 1374 foreign students in various PG and UG courses under both, the Self-Funded and ICCR fellowship schemes, are reflections of the university's intent to uphold its VMO.

Mission

The focused Mission of the institution is **“To Promote Access, Equity, innovation and excellence in Higher Education delivery and services”**, which has led to the following ten well-defined statements of Objectives:

- To Impart quality higher education to meet national and global challenges
- To blend theoretical knowledge with practical skills
- To encourage the faculty and students to achieve academic excellence through high quality research and publications
- To provide access to all sections of the 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 to nation building
- To hasten the process of creating a knowledge society through a systematic process.

BU has revised 83% of syllabus in its academic programmes, during the last 5 years. It has successfully adopted CBCS at UG and PG levels. It has incorporated MOOC courses and implemented well-defined policies for slow and advanced learners. All the programmes have Experiential Learning components with necessary infrastructure facilities. BU has signed 60 MoUs with institutions/industries across India and abroad for internship, on-the-job training, project work, student/faculty exchange and collaborative research, during the last five years. Majority of the classrooms are ICT-enabled. The computer -student ratio is 1:5. The library has 3,80,000 books; 60,000 back volumes; 200 periodicals; 60 daily newspapers and magazines; 52,000 e-books; 1.50,000 e-journals; and e-prints, including *Prashnantaranga* and *e-shodhaganga*.

BU integrates cross-cutting issues of the society like moral, ethical and human values along with professional

ethics in the curriculum. More than 30% of the students attempt competitive exams and get through. University actively conducts sports and cultural events. 17 departments are involved in extension activities as their social commitment. It has created a laudable system for the overall development of the student through contribution to the society. Aside of the above, the three Constituent Colleges, the HRDC and a few Departments of the BU also practice their own focused Vision and Mission statements aligned to the institutional VOM, and these are reflected in both, Academics and Administration and institution-wide Governance.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Bangalore University has the advantage of a vast open campus area that is available for future infrastructure development both for academics, research & training.
2. Its locational advantage of being in the 'silicon city', provides immense opportunities for collaboration, innovation, and adopting 'cutting edge' technologies in all university processes and procedures of higher education delivery and services.
3. Proximity to nationally- and internationally-recognized institutions, is an added opportunity for academic and research exchanges which has led to a strong research culture and outcome.
4. A vast pool of achiever alumni to reach out for support and guidance to the present & future generations of students and faculty.
5. Representation of industry experts on departmental and University committees as advisors has added immense value in the decision-making process.
6. Eminent external academicians who have had proven leadership are also drawn to provide ideas for developmental activities of the University.
7. Proven affiliatory function of reaching out to > 720 affiliated colleges before trifurcation, and 294 affiliated colleges at present, speaks highly of the governance and leadership of the University.
8. The University has lent its fiscal, infrastructural and human resource support in carving out new Universities in the newly formed two Universities of Karnataka, after trifurcation.
9. Strong initiatives of the university towards reaching inclusivity to SEDGs.
10. Effective and laudable outreach efforts towards community engagement and development.
11. An active employability Enhancement System ensuring pre-placement training leading to effective placements.
12. Laudable efforts of the University in providing more than 3200 students with boarding and lodging facilities at affordable and subsidized costs.

Institutional Weakness

1. Reduction in financial grants post-trifurcation of the university, affecting the revenue of the University.
2. Limitation on recruitment of teaching faculty due to a long-drawn government mandate.
3. Limited student and faculty exchange programmes especially with foreign institutions.
4. Non-availability of adequate funds for procuring high-end equipment for research purposes.
5. Maintenance of the vast campus landscape and manning vantage points of entry and exit.

Institutional Opportunity

1. Establish international collaboration for academics, research, and student & faculty exchanges.
2. Extramural revenue generation for infrastructure development and research.
3. Promoting entrepreneurship by establishing a dedicated incubation center for businesses and start-ups.
4. Explore receiving CSR funds towards university endeavors in academics and research.
5. To design and institute quality online programmes for better access and revenue generation.

Institutional Challenge

1. To attract more students from other States of India and foreign countries.
2. Addressing UN SDGs 2030 to the extent expected.
3. Maintaining the exclusivity of the geographic location and boundaries of the university for enhancing the academic environment.
4. Maintenance of the vast campus area with its rich bio-diversity and natural landscape

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

BU offers 108 PG and UG programmes and 42 PhD programmes. The underlying ideal of this University is to disseminate advance knowledge in an interdisciplinary framework. This has been the guiding principle in all our academic endeavors. The curriculum of the programmes is reviewed frequently to make it socially-relevant and job-oriented and to meet the growing needs of students and other stakeholders. Relevant updated curriculum coupled with high- quality teaching and Outcome Based Education (OBE) are the cornerstones of the academic programmes being offered at the University. The University has implemented CBCS system since 2014. 83.3% of the programmes have been revised. 3340 courses have focus on employability/entrepreneurship/skill development and about 88% of the courses are newly introduced and/or completely revised. The POs of all the programmes offered are prepared considering Cognitive Domain (Knowledge), Affective Domain (Attitude) and Psycho-motor Domain.

The well-defined Programme outcomes are focused on enhancing analytical thinking and logical reasoning. In the last 5 years, 32 new programmes have been introduced keeping in mind employability and industry demand. The course curricula have appropriate space for employability components and cutting-edge issues such as gender, ethics, human values, environment and sustainability. A majority of the departments have dissertation, project work, field visit, and internship provision to enhance the experiential learning. About 80.11% of the students are getting this benefit. Various co-curricular and extracurricular activities are conducted to enhance the ability of the students and improve their experiential learning. Many departments are offering value added courses. There are 140 value added courses. An average of 2,600 students every year registers for these courses.

Students' feedback on curriculum was collected on a regular basis, analyzed and action was taken accordingly. Teachers, Alumni and employers feedback is also collected and analyzed on a regular basis. It is used for the betterment of academic programmes and need-based academic infrastructure development. Based on the feedback, BU has introduced more inter- disciplinary and professional courses. Based on the suggestions of the stakeholders e-grievance system is established in the examinations. IQAC takes care of implementing the mandates of UGC, AICTE and other SRAs and UN SDG goals.

Teaching-learning and Evaluation

BU is a preferred destination among higher education aspirants. This is evident through the average demand ratio of 1:7 in the last 5 years. Some of the courses have more than 1:20 demand ratio. All the reserved categories are duly filled as per the reservation policy. The university has mechanisms to assess the learning levels of the students based on multi-level strategies. CBCS regulations have a provision for advanced learners to take additional credits through MOOCs and slow learners can get academic support through fast track, to save the semester. The curriculum has provision for remedial classes and mentoring for the slow learners. For advanced learners, various opportunities are provided to nurture their interest and abilities through club activities. Student and fulltime teachers' ratio are 25:1

All programmes have incorporated participatory learning based on the demand for understanding the subjects. All the faculty of BU regularly engage in online classes without any compromises. Teachers have been given training to use online resources to enrich their teaching. Most of the departments have smart classrooms with interactive TV/smart board facilities. Library with remote access service is extended to all the students. Students are able to access e-books, e-journals, and various databases. 92.03% of the teachers hold a PhD degree. Average experience of permanent teaching faculty is 20.36 years. Total of 209 teachers have received prestigious awards for their academic and research accomplishments.

Due to digital evaluation system many of the departments have announced the end semester exam result on the same day of the last exam or within few days of the exam. The system also has reduced the student grievance and brought-in fairness and transparency. Examination system is completely digitized from payment of exam fees, internal marks entry, hall ticket generation, examiners' allotment, evaluation, result declaration and marks card distribution

Research, Innovations and Extension

- Bangalore University's research facilities are constantly updated
- BU has disbursed seed money of Rs. 217.18 lakhs to its 109 teachers, to foster research culture and quality publications.
- 51 teachers have received national/ international fellowship/financial support from various agencies.
- Average 207 students are recipients of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellowships.
- 28 departments have received UGC-SAP, CAS, DST-FIST, DBT, ICSSR funding.
- Extramural funding for Research is Rs. 239.07 lakhs.
- Research projects sponsored by government agencies amounts to Rs. 13614.52 lakhs.
- Total of 216 faculty are actively involved in funded projects.
- Makerspace for Advanced Research, Vital Education and Learning has been set up at the University Vishweshwaraiah College of Engineering.
- 271 workshops/seminars have been conducted on Research methodology, IPR, Entrepreneurship, and Skill development.
- 193 awards/recognitions were received for research/innovations.
- BU has the practice of facilitating teachers with mementos and certificate of appreciation for their achievement on teachers day, daughters day celebrations. It also announces achievements through news letter "*Jnana Vahini*" and publishes it in website.
- 119 patents are filed and 53 are granted. It has a patent support system in the form of both, monetary and legal.

- 1090 PhD are awarded under the guidance of 227 faculty.
- 3275 research articles and 950 books and/or chapters in edited volumes are published.
- 78 modules of E-content have been developed by teachers for e-PG-*Pathshala*, CEC, SWAYAM and MOOC platforms.
- The average Citation Index in Scopus/ Web of Science/PubMed during the last five years is 2220.02. Over all H-index is 36.
- BU has a policy for consultancy. Revenue generated from consultancy and corporate training during the last five years is Rs. 308.19 lakhs.
- BU gives utmost importance to its institutional social responsibilities and extension activities. The University has received 'NSS State Award' from the Government of Karnataka for the academic years 2017-18 and 2020-21.
- 59 awards and recognitions are received by BU for its social commitments. 302 extension and outreach programs have been conducted.
- 77303 students from the university and affiliated colleges have participated and are the beneficiaries of the extension activities.
- BU has conducted 308 collaborative activities with other research establishment/industries.
- BU has signed 57 functional MoUs with institutions/industries within India and abroad.

Infrastructure and Learning Resources

BU is well-equipped with excellent physical infrastructural facilities like adequate classrooms, laboratories, libraries, and computing facilities for Teaching-Learning as well as research. Apart from this, there are staff rooms, rest rooms, recreation halls, indoor and outdoor Auditoria, conference halls, reading rooms, ramps, and elevators for the differently-abled, playgrounds and tracks, indoor sports centre, 12-hostels, administrative building, guest house, publication unit along with sales unit, swimming pool, and a health centre.

The university provides access to around 2,000 computers, of which 1,350 are reserved specifically for the use of students and 650 are used for administrative work. Laptops and desktops are provided to all faculty members.

BU's excellent sports facilities include a Pavilion, locker rooms, and a playground, all of which are used for practicing, coaching, and hosting a wide range of sporting and athletic events. The Department of Performing Arts has one of the best open auditorium on campus, with a capacity of 400 seats, perfect for training, practice and showcasing cultural activities of students. Cultural events are also held in the Gandhi Bhavan, HN auditorium, Venkatagiri Gowda Auditorium, Thimappa Hall, Ambedkar Bhavan, and open-air theatre. The university maintains a fully-equipped fitness centre (Gymnasium) for the benefit of its students and staff alike. The university has two operational Health Centres (at JB Campus and UVCE).

The university has made provisions for a Braille Resource Centre, accessible restrooms, wheelchairs, tri-cycle scooters, sports kits, and ramps for the benefit of the *Divyangjan*.

During the last five years, the total expenditure excluding salary, for infrastructure augmentation is Rs. 6636.07 lakhs. There are 3,80,000 books in the library, 60,000 back volumes, 200 periodicals, 60 newspapers and magazines, 52,000 e-books, 1.5 million e - journals, and e-prints such as *Prashnantaranga*, *e-shodhaganga*. About 70% of the students and teachers access the library facilities. The expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years was 1274.91 lakhs.

Available bandwidth of internet connection is 1 GBPS.

There is about 20 kilometers of optic fibre cable that links the various components of the campus together. There are almost 3,500 wired network nodes on campus, and an equal number of wireless nodes.

Student Support and Progression

The University has achieved significant progress in all dimensions of students' curricular and co-curricular activities. A majority of the students who are studying at UG, PG and PhD levels are receiving scholarship. 16,040 students are benefitted from Government, 10014 from university schemes and 91 from NGO scholarship. Total number of students benefitted from career counselling is 16749. In last five years 35 capacity building programmes are conducted to upskill the students. The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment

and anti-ragging committee cases. There are many statutory regulatory bodies such as Syndicate, academic committees, campus development, research advisory, academic development, anti drug, hostel management, SC/ST amelioration, statutes committee, Internal complaints committee and others. There are 2822 students have cleared various competitive exams. 12455 students are employed who have passed in various degrees of Bangalore University. 968 students who have graduated progressed to higher education. Students have been given representation in various committees of the university to safeguard the democratic participation. Bangalore University has a Global Alumni Network, which is a well-established, close-knit community that strives towards the social and economic growth of the institution and its network. PG Departments and Constituent Colleges of Bangalore University have registered and functional alumni associations, which are active and provide support to existing students. UVCE, University Law college, Political science, Geology(Geo-Society), Biotechnology and Micro-biology departments have registered Alumni association. University has received Rs. 250.78 lakh for various infrastructure development activities such as renovation of UVCE Iconic building construction and participates in various activities for the upliftment of the college and renovating the seminar hall.

More than 50% of the students are housed in hostels with good boarding facilities. UVCE has a well-structured career counseling plan. BTech students have compulsory career guidance, and skill enhancement classes to face the campus recruitment.

Many MNCs participate in the campus recruitment drive. Post graduate departments have the mechanism to guide students to obtain jobs. BU has earmarked separate budget for every department to conduct workshops, seminars and training programmes. Even during COVID -19 enforced online classes, all the departments have actively conducted workshops and seminars through online mode.

Governance, Leadership and Management

The University has always believed in decentralization and participative management at all levels. In academic matters, participative processes involving faculty members at department levels precede the approvals of various bodies/committees such as Curriculum Review Committee, Board of Studies, Research Advisory Committee, Academic Council and the like. Various statutory bodies/committees have student representatives viz., Academic Council, Internal Complaints Committee, Legal aid clinic, NSS Advisory Committee, SC/ST

students amelioration committee, Sports Advisory Committee, Cultural Advisory Committee, Hostel Management Committee, where Leadership is also groomed.

The entire previous Data has been migrated successfully from Oracle 9i Database to Oracle 11g C, tested, and validated. The Examination branch has successfully adopted Digi Locker. E-Governance is implemented in administration, finance, examination and student admission and support. Teaching and Nonteaching staff are promoted on a performancebased appraisal system and time bound. Faculty who applied for financial support to attend conferences have been granted Rs. 43 lakhs. 89 professional development/administrative training Programmes organized by the institution for teaching and non-teaching staff. 202 faculty have attended Faculty Development Programmes.

The primary sources of finances for BU are Students' fees from the various degree programs, and Examination Fees, Affiliation fees paid by the Affiliated Colleges/Courses, Grants from UGC and State Govt, Income Earned from rents, lease etc., Grants received from research projects, consultancy, and fellowships, Endowment and Philanthropic Fund. Fund-based Accounting (FBAS) system introduced in 2018. Total of Rs. 14271 lakh grants received from government bodies. Rs. 326.21 lakh funds received from Nongovernment sources. Since 2018, the University has appointed one Chartered Accountant Firm to monitor and assist in the audit process in addition to a team of retired officials from the State Accounts Department who help in the process. All SC/ST/OBC Categories students have been provided with Hostel facilities to uphold the vision of an inclusive society. SC/ST PhD scholars have been granted one of the highest monthly fellowships available in the country of Rs.22,000/- for JRF and Rs. 25,000/- for SRF by BU

The IQAC has contributed through many initiatives pertaining to academics, research, campus development, ICT adoption in teaching, providing better focus for research scholars through workshops etc., to realize incremental growth and overall students' holistic development during the last five years.

Institutional Values and Best Practices

The University ensures equal participation and representation of both men and women at all levels of academic and administrative pursuits. The counseling centre is housed in the psychology department. The University has a Day Care Centre. The University has established rooftop solar panels and has the facility of wheeling to the grid. Department level Biogas plants are available in the University. A majority of the departments have installed LED bulbs to save electricity. The collection, transportation, storage and disposal of biomedical waste is outsourced.

Some parts of the campus are restricted for the entry of automobiles. Pedestrian-Friendly pathways are laid on the main roads of the campus. Green audit, Energy audit and Environmental audit have been conducted by the Environmental Science department. The University has received **Jalarushi award** for rainwater harvesting by the government.

There are focused grievance redressal cells in the University. The University has a code of ethics for students and a separate code of ethics for teachers and other employees.

BU's Pro-Active Initiative for Social Inclusion is one of the best practices. BU has taken up many pro-active initiatives to serve students from the socially-disadvantaged communities with the intension of increasing enrollment to higher education. The initiatives include, Free ships for students and PhD scholars, Funding for Masters' Dissertation/Project and PhD thesis printing and binding, Contingency for PhD students, Financial

support for internship and study tour, Supply of Laptops and tricycle, Free books, Braille resource centre and scholarships for blind students, Empowerment cell for differently abled and equal opportunity cell, Pre examination coaching for students, Book bank for SC-ST students at all PG departments, Medical support and Sports accessories and track suits.

BU's Active Employability Enhancement System (AEES) is another best practice where students especially from engineering faculty are groomed to achieve higher level employment and entrepreneurship. The model developed for overall development of the students is replicable.

BU is distinctive in Bio-diversity conservation. 800 acres of original thorny forest has been developed as a Biodiversity conservation area with a number of forest management and developmental practices, without altering the original landscape and vegetation. This distinctive feature of the university is a laudable effort at sustainable development of the campus.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	BANGALORE UNIVERSITY
Address	Bangalore University Jnanabharathi Campus Bengaluru - 560056
City	Bengaluru
State	Karnataka
Pin	560056
Website	www.bangaloreuniversity.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Jayakara Sm	080-22961001	9448845485	080-2321929 5	iqac@bub.ernet.in
IQAC / CIQA coordinator	Parameshwar V Pandit	080-22961002	7892401482	080-2321929 5	panditpv12@gmail .com

Nature of University	
Nature of University	State University

Type of University	
Type of University	Affiliating

Establishment Details	
Establishment Date of the University	02-07-1964
Status Prior to Establishment,If applicable	PG Centre
Establishment Date	27-07-1916

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	Date	View Document
2f of UGC	02-07-1964	View Document
12B of UGC	02-07-1964	View Document

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.	Programmes Offered	Date of Establishment	Date of Recognition by UGC/MHRD
Main campus	Bangalore University Jnanabharathi Campus Bengaluru - 560056	Urban	1111.32	100725	UG/PG/PhD		

2.2 ACADEMIC INFORMATION

Affiliated Institutions to the University

Type of Colleges	Permanent	Temporary	Total
General	294	0	294

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	294
Colleges Under 2(f)	16
Colleges Under 2(f) and 12B	32
NAAC Accredited Colleges	49
Colleges with Potential for Excellence(UGC)	1
Autonomous Colleges	5
Colleges with Postgraduate Departments	78
Colleges with Research Departments	12
University Recognized Research Institutes/Centers	2

<p>Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>SRA program</th> <th>Document</th> </tr> </thead> <tbody> <tr> <td>AICTE</td> <td>111162_10481_1_1674209093.pdf</td> </tr> <tr> <td>NCTE</td> <td>111162_10481_4_1673076819.pdf</td> </tr> <tr> <td>BCI</td> <td>111162_10481_8_1672388121.pdf</td> </tr> <tr> <td>COA</td> <td>111162_10481_18_1673076865.pdf</td> </tr> </tbody> </table>	SRA program	Document	AICTE	111162_10481_1_1674209093.pdf	NCTE	111162_10481_4_1673076819.pdf	BCI	111162_10481_8_1672388121.pdf	COA	111162_10481_18_1673076865.pdf	: Yes
SRA program	Document										
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NCTE	111162_10481_4_1673076819.pdf										
BCI	111162_10481_8_1672388121.pdf										
COA	111162_10481_18_1673076865.pdf										

Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	20				62				228			
Recruited	9	2	0	11	34	10	0	44	106	69	0	175
Yet to Recruit	9				18				53			
On Contract	0	0	0	0	0	0	0	0	2	0	0	2

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				1384
Recruited	382	127	0	509
Yet to Recruit				875
On Contract	10	8	0	18

Technical Staff				
	Male	Female	Others	Total
Sanctioned				368
Recruited	55	15	0	70
Yet to Recruit				298
On Contract	8	8	0	16

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	94	33	0	29	20	0	20	16	0	212
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	4	4	0	0	5	6	19
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	115	100	0	215
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	179	163	0	342
UG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	Female	Others	Total
Emeritus Professor	6	2	0	8
Adjunct Professor	0	0	0	0
Visiting Professor	4	1	0	5

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Sociology	Alampali Chair	Government of Karnataka
2	History	Kempegowda Chair	BBMP
3	Physics	Sir MV ISRO Chair	ISRO

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	355	0	0	0	355
	Female	641	0	0	0	641
	Others	0	0	0	0	0
PG	Male	2943	0	0	0	2943
	Female	2389	0	0	0	2389
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	274	0	0	0	274
	Female	231	0	0	0	231
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	Yes
Total Number of Integrated Programme	1

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	24	5	0	0	29
Female	81	1	1	0	83
Others	0	0	0	0	0

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	11-08-2000
Number of UGC Orientation Programmes	13
Number of UGC Refresher Course	47
Number of University's own Programmes	28
Total Number of Programmes Conducted (last five years)	88

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	Five Star	77.05	2001 First Cycle Peer Team Report.pdf
Cycle 2	Accreditation	A	3.11	2008 Second Cycle Peer Team Report.pdf
Cycle 3	Accreditation	A	3.16	2016 Third Cycle Peer team report.pdf

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Apparel Technology	View Document
Applied Geology	View Document
Architecture	View Document
Biochemistry	View Document
Botany	View Document
Chemistry	View Document
Civil Engineering	View Document
Commerce	View Document
Computer Science	View Document
Computer Science Engineering	View Document
Economics	View Document
Education	View Document
Electrical Engineering	View Document
Electronic Media	View Document
Electronics And Communication Engineering	View Document
Electronic Science	View Document
English	View Document
Enviornmental Science	View Document
Geography	View Document
Hindi	View Document
History	View Document
Journalism And Mass Communication	View Document
Kannada	View Document
Law	View Document
Library And Information Science	View Document
Life Science	View Document
Mathematics	View Document
Mba	View Document

Mechanical Engineering	View Document
Microbiology	View Document
Performing Arts	View Document
Philosophy	View Document
Physical Education	View Document
Physics	View Document
Political Science	View Document
Psychology	View Document
Rural Development	View Document
Sanskrit	View Document
Social Work	View Document
Sociology	View Document
Statistics	View Document
Telugu	View Document
Urdu	View Document
Visual Arts	View Document
Women Studies	View Document
Yoga	View Document
Zoology	View Document

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>BU is completely committed to the implementation of NEP, 2020. The University actively involved in NEP Draft discussion to stakeholder sensitization when the NEP was proposed to be implemented. BU conducted symposium on draft NEP involving Drafting Committee Members and faculty of BU on June 20th, 2019. BU is the first University to conduct one week workshop for all stakeholders and implementing authorities. The workshop was conducted online from 24th to 28th August 2020 and with attendance of more than 10,000 participants. Stakeholders like Government of Karnataka (Deputy Chief Minister, Minister of Higher Education and</p>
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Minister of Primary Education), UGC and AICTE Chairman and Deputy Chairman, Drafting Committee Members, Higher Education Council Vice Chairman GoK, NEP Implementation Taskforce Members, 15 Vice Chancellors, Educational experts, Heads of higher education institutions, Principals and philanthropists delivered their views and comments on effective implementation of NEP. Further, BU conducted a series of orientation programmes for affiliated colleges and PG departments on the implementation of NEP. BU faculty were part of High-power Committees to formulate the syllabus of different programmes as per NEP. All PG departments supervised and guided all affiliated colleges to overcome the challenges during implementation by conducting subject-wise orientation. In the process of NEP implementation, some of the PG departments have instituted UG honours course in their respective subjects. BU is the first University in the state to establish UG courses in line with NEP, such as BA, BSc, and B.Com courses. Further, BU hosted the South Regional Vice Chancellor's conference to sensitize South Indian States on NEP implementation. The courses offered in BU based on NEP framework are truly multidisciplinary and Interdisciplinary, as students of UG programmes are allowed to take major, minor and open elective courses across disciplines such as Arts, Science, Commerce, Management and Engineering. University has constituted Task force for the effective implementation of NEP.

2. Academic bank of credits (ABC):

As per the objectives of NEP, the students are facilitated with multiple exit and multiple entry. The University has made all the academic reforms with respect to policy and provision of ABC. The students are allowed to use the flexibility provided in its statutes. The course framework is created in all subjects, which clearly mentioned the multiple exits with proper certification and flexibility in attaining the course credits. In addition, Bangalore University has framed regulations governing the Choice based credit system (CBCS) scheme with multiple entry and exit options in the undergraduate and postgraduate degree programs in the faculties.

3. Skill development:

The programme structure adopted in Arts, Science, Commerce, Management and Engineering has a set of skill based and ability enhancement courses.

	<p>Students in all semester have the provision to take compulsory skill enhancement courses. Further the core subjects are drafted in such a way that it focuses on employability, life skill and technical skills. In this context, BU has signed MOU with International and National institution to upskill the students. As per NEP and UGC guidelines, the Skill Enhancement Courses (SEC) and Ability Enhancement Courses (AECC) as compulsory core module for all the Indian Universities/colleges. The academic courses like Digital Fluency and Artificial Intelligence as SEC subjects and Environmental Studies and Constitution of India as AECC subjects are introduced from 2021-22 as one subject each in every semester of UG programs.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>BU with its mission to foster and teach Indian knowledge system, has established many Study Centers and Chairs along with specialized UG and PG programmes. The concerns of India and Indian knowledge systems will deeply inform all the knowledge endeavours of the University including teaching, research and practice. The University offers MSc course in Human consciousness and Yoga, MA in Dance, Classical Music, courses in Gandhian Studies, Ambedkar Studies, Buddhists literature, Kannada literature, Vivekananda studies etc. It has also identified research centres to foster Indian Knowledge system.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>BU has implemented NEP from the academic year 2021-22. All the courses are designed with specific course outcomes. The syllabus is structured to address the current and future requirements. Each course has course objectives and course specific outcomes. Further, after one year of completion, a student can exit with certificate course. After two years, a student can exit with a diploma certificate. After three years with a degree certificate. The syllabus clearly spells out the job opportunities after every exit. Thus, all the courses are outcome based. The academic flexibility provided in course selection and accumulation of credits, and the ability enhancement courses, such as digital fluency, and entrepreneurship development are aimed to improve the capacity building of students. Introduced of multiple language courses for UG curriculum. Mandatory basic and advance Kannada language courses for UG students in liberal and technical</p>

	<p>courses Establishment of language labs and introduction of the software's for translation and other linguistic usage.</p>
6. Distance education/online education:	<p>BU has secured 64th position in NIRF (2022). Thus, it has the provision to start online classes and it is working towards it. Introduction of Hybrid learning program in Universities and Colleges under NEP is enhanced to foster quality education. University encourages students to enroll for open access courses in various MOOC platforms including SWAYAM. University is also introducing Learning Management System LMS integrates - content, assessment, performance, analytics and anytime-anywhere access. University has made provision for students to earn upto 40% credits through authorized online courses. The members of the Task Force of Bangalore University have also suggested starting massive open online courses and in this regard, a coordinator is appointed to oversee MOOC courses under BU. Regular hybrid mode short-term, long-term, refresher and orientation courses for teachers and research scholars from university and affiliated colleges are being carried out through UGC-HRDC.</p>

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	<p>Bangalore university is committed to preserve and inculcate democratic values among its students. University has made Indian Constitution mandatory for all its undergraduate students. Thus, it is ensuring the constitutional obligations on rights and responsibilities are made understood among students. BU has set up Electoral literacy club. University has a nodal officer to conduct activities. Through this club university has organized awareness programmes on value of voting. It celebrates constitution day on 26th November to sensitize students on constitutional values.</p>
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	<p>University has appointed student and staff coordinators for disseminating the value of voting and organizing extension activities among its affiliated colleges. The club collaborates with all the departments and affiliated colleges to conduct voter registration drive. It also collaborates with</p>

	<p>departments like law, political science and electronic media to conduct community sensitization and academic programmes on importance of voting and electoral reforms.</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>In the last 5 years, there were 2 elections, one assembly, and one parliament election. During the last assembly election, University conducted a voting awareness campaign in the University and affiliated colleges. The campaign was inaugurated by Justice N Santhosh Hegde on 26th March 2019. All the students of the University participated in it. Through street play, awareness was created among students. The University also instructed all the principals of affiliated colleges and constituent colleges to enroll the eligible students in the electoral list. The students and staff were made to take an oath to vote.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>For the upcoming Assembly election, BU has appointed a Nodal Officer to create awareness regarding voter enrolment of students who have attained 18 years of age in all the affiliated colleges including PG departments. The Election Enrolment Awareness Campaign by BU was conducted on the 29th of November, 2022. The objective of the programme was to impart information on voter enrolment and civic education which are necessary to understand their rights, their political system, the contests they are being asked to decide, and how and where to vote. The Inauguration and the Inaugural address were delightfully addressed by Sri. Manoj Kumar Meena, who is Hon'ble Chief Electoral Officer, Karnataka. He spoke about the importance of voting and how major it is for an individual to register themselves as a voter and the various steps required to register oneself as a voter. He educated the audience on online registration for the voting process. Principals, faculties, and students of affiliated colleges and University have participated in the programmes.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>The Nodal officers has conducted voter enrollment drive in all the departments of the university and affiliated colleges. The responsibility was entrusted to head of the department and principals to compulsorily enroll the eligible students.</p>

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2021-22	2020-21	2019-20	2018-19	2017-18
108	102	102	94	93
File Description		Document		
Institutional data in prescribed format		View Document		

1.2

Number of departments offering academic programmes

Response: 47

2 Students

2.1

Number of students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
6313	6408	6559	6820	6636
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

Number of outgoing / final year students year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2413	3262	3262	3526	3531
File Description		Document		
Institutional data in prescribed format		View Document		

2.3

Number of students appeared in the University examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2368	3255	3256	3519	3524
File Description		Document		
Institutional data in prescribed format		View Document		

2.4

Number of revaluation applications year-wise during the last 5 years

2021-22	2020-21	2019-20	2018-19	2017-18
47	39	41	63	59

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3340	2877	2585	2291	1026
File Description		Document		
Institutional data in prescribed format		View Document		

3.2

Number of full time teachers year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
247	264	278	287	304
File Description		Document		
Institutional data in prescribed format		View Document		

3.3

Number of sanctioned posts year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
310	310	345	345	345
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
19790	17115	16126	17732	17189
File Description		Document		
Institutional data in prescribed format		View Document		

4.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1313	1652	1032	1065	1250
File Description		Document		
Institutional data in prescribed format		View Document		

4.3

Total number of classrooms and seminar halls

Response: 358

4.4

Total number of computers in the campus for academic purpose

Response: 1578

4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
317.92	2025.15	14367.42	2166.51	1600.53

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

All programmes and courses offered by Bangalore University are developed with the objective of preparing students to understand and meet local, regional, and global development needs. Each course curriculum is updated with professional skill requirements and overall development needs of students.

Programme Outcomes

BU has prepared every programme and course with specific programme outcomes, programme specific outcomes, and course outcomes, which apart from realizing various requirements, also provide career opportunities for the outgoing students. BU has started 16 new programmes considering advancements in various fields, skill requirements, job opportunities, employability, and challenges that emerged from time to time to address inter-spatial needs. The new programmes initiated with government approval since the year 2019 are M.Sc. in Food Technology, Bio-Informatics and Biotechnology, Human Disease Genetics, Food and Nutrition, Solid Waste Management, Film Making, Graphics and Animation, Forensic Science, Disaster Management and Medicinal Botany, Natural Disaster Management, Geographic Information Science, B. Sc. Honors, B.Sc. Geography, M.A. in Advertising and Public Relations, Media studies, B.Tech. in Bioinformatics, Artificial Intelligence, Machine learning, and M.Tech. in Cyber Security. Each programme is also mapped for Programme Specific Outcomes (PSOs) and Course Outcomes (Cos).

Employability

Realizing the significance, BU has incorporated many skill-based, job-oriented courses at the under-graduation, with a vision to orient and enhance the employability of students and to resolve challenges at different levels. Skill development courses, of 200 hours, are taught for B.Tech. students. Open elective courses focus on development issues and emerging knowledge fields. Bangalore is a hub of various professional opportunities, which led BU to identify future requirements and develop professional skill requirements across professional courses that are different in nature and are also running successfully. Further, traditional courses are updated incorporating the latest development in subject fields and considering modern skill requirements.

BU has started new undergraduate Honors Programmes with multiple entry and exit options as per the National Education Policy guidelines (NEP2020) based on professional development and requirements of the respective fields of study.

Course Outcomes

All courses in BU are implemented effectively, with a focus on Outcome-Based Education (OBE) by

imparting knowledge of basics and advances in the respective fields of social sciences, humanities, science, technology, commerce, management, and other disciplines. Each course in every programme is carefully planned for preparing and equipping students to become globally competitive. Orientation and training of students aim at developing human resources by adopting new methods of innovation, discovery, and sustainable and environmentally-friendly technologies. Each programme is designed based on outcomes such as creating a conducive environment for effective teaching and learning processes through interdisciplinary research, online courses, interaction with institutions of higher learning and industries, R and D laboratories of national importance, alumni, employers, and other internal & external stakeholders. The University has signed MOU with local, national, and international institutions and industries to make these objectives come true. BU has made provision for the appointment of adjunct faculty and visiting professors to enrich teaching and research. Every course has components like imbibing entrepreneurship skills, ethics, honesty, credibility, social accountability, and environmental consciousness. University provides an opportunity for faculty and technical staff to continuous academic improvement and equips themselves with the latest trends in the respective field of specialization and inculcate a habit of continuous learning among faculty, staff, and students.

File Description	Document
Upload Additional information	View Document

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 83.33

1.1.2.1 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 90

1.1.2.2 Number of all Programmes offered by the institution during the last five years.

Response: 108

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Institutional data in prescribed format	View Document
Details of Programme syllabus revision in last 5 years	View Document

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 98.95

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise

during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3340	2853	2561	2267	1001

File Description	Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Institutional data in prescribed format	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 75.15

1.2.1.1 How many new courses were introduced within the last five years.

Response: 2510

1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.

Response: 3340

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 100

1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.

Response: 108

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

BU integrates cross-cutting issues of the society like moral, ethical and human values along with professional ethics in the syllabus. Various curricular and co-curricular activities are arranged to sensitize, upskill and enhance the knowledge of students in this regard.

Professional ethics

BU is offering various professional courses in technology, science, social science, commerce, management and law disciplines. Each program has a course related to laws and ethics of the related field of study to empower students to understand the professional values and morals. Specifically, programs such as LLB, LLM, MCom, MTTM, MIB, MFA, MBA, BTech, MTech, MSc in Electronic Media, Bio technology and Micro Biology, Biological Sciences, Geographic and Information Science, Library Science, Environmental Science, Computer Science etc. MA in Mass Communication and Journalism, Social Work, Women Studies, and Education have explicitly mentioned professional ethics components in their curriculum. Many of the courses made provision for industry visits, internships, and interaction with professionals, thus ensuring a better understanding of professional ethics.

Gender

BU has a Centre for Women Studies, which is focusing on teaching and practice gender equity through its curricular and co-curricular activities. A majority of the departments teach gender-specific components such as rights, equality, inclusiveness, role and contribution of women to various disciplines, and other gender perspectives including LGBTA.

Programs like Women Studies, Political Science, Sociology, Rural Development, English, Kannada, Hindi, Urdu, Telugu, Mass Communication and Journalism. Electronic Media, History, Law, Economics, Education etc. are focused on national and global women issues.

Human Values

BU curriculum is focused on nurturing core human values such as rights, freedom, social justice, equality, morality, honesty, environmental sensitivity etc. Curricular activities such as group projects, field visits, community extension activities, and community teaching are inculcating human values among students.

Students are also encouraged to actively participate in NSS activities, blood donation camps, and sports and cultural activities to imbibe unity, integrity, and fraternity. National and international days such as Constitution Day, Yoga Day, Human Rights Day, Independence Day, republic Day are celebrated through related activities to raise consciousness and patriotism among students. To enhance the moral values among the students, the University has conducted orientation to the teachers of all affiliated colleges to incorporate value-based education curriculum as a short-term training program for the students. Professional ethics is part of every course syllabus.

Environment and sustainability

Environmental awareness is created through extension activities by the Postgraduate departments and eco-clubs in the affiliated institutions. Environment study is an integral part of all undergraduate programs. Solid waste management is a new course started in the University. The curricula demand experiential learning, industrial visits and project works related to environment and sustainability. Environment law, environment communication and climate change are taught in the curricula of various courses. Environmental science department is involved in organizing awareness programs such as eco-friendly Ganesh, eco-friendly Deepavali, a celebration of Ozone day, Environment Day, Wetland Day, Water Day, Biodiversity Day, and so on.

Most of the programs taught have environmental components such as SDG, green economy, green energy, energy efficiency, waste management, environment awareness.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 140

1.3.2.1 How many new value-added courses are added within the last five years.

Response: 140

File Description	Document
Institutional data in prescribed format	View Document
Brochure or any other document relating to value added courses	View Document
Any additional information	View Document

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 79.38

1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
5445	4427	4624	4847	6636

1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 79.95

1.3.4.1 Number of students undertaking field projects or research projects or internships.

Response: 5047

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: A. All 4 of the above

File Description	Document
Institutional data in prescribed format	View Document
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Demand Ratio (Average of last five years)

Response: 6.94

2.1.1.1 Number of seats available year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2661	2569	2567	2429	2457

File Description

Document

Demand Ratio (Average of Last five years) based on Data Template upload the document

[View Document](#)

• Any additional information

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

Response: 100

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1313	1652	1032	1065	1250

File Description

Document

Average percentage of seats filled against seats reserved (Data Template)

[View Document](#)

Any additional information

[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The university has mechanisms to assess the learning levels of the students based on multi-level strategies. First-year students attend a 5-day mandatory induction programme-*Deeksharambh* where apart from learning about the university at large and various activities of their chosen department, they are oriented to participate in co-curricular activities of domain-related clubs, scholarship opportunities, departmental facilities, teaching-learning and internal assessment/evaluation/examination systems, and profiles of achiever alumni.

Department-wide mentorship is popular and First-year students have instructor mentors. Students are placed under the mentorship of a specific teacher and an advanced learner so that they can receive academic support and make fast progress. The training programmes are designed and directed by eminent scholars and working experts. Alumni also play an important role in bolstering the morale of current learners. Students are classified as slow and advanced learners based on their performance in internal assessments.

Programmes organized for Slow Learners:

In order to help slow learners, opportunities for remedial instructions and one-on-one mentorship is provided. Mentoring and dividing students into groups based on their learning needs is effectively practiced in undergraduate courses.

CBCS regulation has made provision for Fast track semester for the benefit of slow learners. The Fast Track Semester is helpful for students who have failed in their Examinations. The significance of Fast Track Semester is to avoid loss of an academic year to the student. During the Fast Track Semester, a student is permitted to Re-Register for Course(s) where he/she has secured F-Grade.

To give the learners a chance to fare better in the next internal test, retests/repeat tests are administered. In addition, textbooks and online educational tools are made available to such students.

Programmes organized for Advanced Learners:

Each Department has well-structured committees for driving excellence in these learners for gaining advanced theoretical and practical exposure through various learning processes through the support of subject experts, participation in conferences, seminars, workshops, exhibitions, industrial collaborations, industrial visits, cultural fests, techno-fests, competitions, sports, rural fests, research projects, language-club activities, economic forums, science forums, laboratory club activities, innovation club activities, quizzes, cultural exchange programs, cultural heritage activities, publications, research activities, inter-college fests, Yoga, health and fitness programmes, environmental conservation and protection programs and various other national and international events conducted regularly.

As per CBCS UG regulation a student may be permitted to register for additional Courses from III semester onwards. This is subject to the condition that the student shall have secured a CGPA \geq 8.5. A student will be awarded B.Tech. (Honours) if he/she completes an additional 20 credits. These shall be acquired through Massive Open Online Courses (MOOCs).

Club activities help advanced learners develop their particular avid interests and skills. IEEE student members can attend worldwide and national IEEE workshops, symposiums, guest lectures in emerging

technologies and engineering, and conferences. *Varchas* (Astronomy), *Ncode* (Coding), *Vidyut* (Electrical), Robotics, Ripples, Art Forum, and Literary Club are some of the special interest clubs. E-cell is designed to inspire and equip entrepreneurial students to pursue their aspirational goals.

File Description	Document
Paste link for additional information	View Document

2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 26:1

File Description	Document
Any additional information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Experiential Learning (EL): EL is included in all courses offering practicum and hands-on comprehension of the subjects. In programmes such as MEd, BPEd, and MPED, students are required to participate in practice teaching in identified nearby schools. Students in social work, women's studies, and environmental studies are required to complete domain-related fieldwork. Rural development department and Social work students adopt a community and participate in community development projects. The majority of programmes include a dissertation or project to facilitate learning through experiential modes. BTech, MTech, Journalism and Mass Communication, Electronic Media, Filmmaking, Apparel and fashion technology, Geography, MBA, and MCom students participate in mandatory internships. Electronic Media students create documentaries to demonstrate their knowledge acquisition of numerous subjects. The radio and television projects are also offered as a 4-credit course. Students of Filmmaking, Graphics, and Animation take the 8-credit course for commercial filmmaking, short filmmaking, graphics, and feature filmmaking. Students in Mass Communication and Journalism take a 2-credit course to create the in house newsletter. During their undergraduate and graduate legal education, law students are sent to bar chambers for visits and as also participate in Moot courts.

Participative Learning: For hands-on learning, core and applied science courses have intensive practicals. Law students participate in MOOT court. Visual art students create the gallery from their practical. Drama-dance-music festivals are part of performing arts practical exams. BPEd students compete intramurals to gain participative experience. Students also complete case studies, community surveys, and homework. Field trips enrich most programmes. Media students visit media houses, Fashion and Apparel technology students visit garment related industries, Biotechnology students visit industries, political science students attend assembly sessions, history students visit historical places, and all students gain ample knowledge through field visits. University programmes involve student seminars for internal assessment marks.

The University has made the provision for special lectures, invited talks and industry interactions where there are adequate opportunities for participative learning. The subject experts interactively train the students to enhance their ability to perform better in their profession. Recent advancements in domain-related fields are brought to the knowledge of students through guest lectures and industry interactions. Many programmes are conducted through short-term courses, workshops, and seminars by external experts.

Students are allowed to participate in various training programmes by conducting special hands-on training sessions at the department level. Participation in professional societal activities of IEEE, ACM, etc. for engineering, moot court for law and other relevant professional organizations' activities are encouraged. Soft skill training is imparted at regular intervals through participatory mode.

Problem solving methodologies

Problem-solving methodologies are adopted in every semester by incorporating tutorials, quizzes, case study analyses, seminars, and Focus Group Discussions (FGDs).

File Description	Document
Upload any additional information	View Document

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

Teachers use ICT- enabled tools including online resources for effective teaching and learning process

The widely-used Information and Communication Technology (ICT) in Teaching-Learning practices of Teachers has a tremendous positive impact and empowers both teachers and students in knowledge management. It evolves the conventional teaching method into an interactive learning process with students as the primary focus.

Online classes and LMS: The COVID enforced online classes followed by lock down have necessarily enriched the use of ICT tools and online materials. All the faculty of BU have regularly taken online classes. Online live classes, discussions, demonstrations, project monitoring, and practical orientation were diligently and extensively reached to students during this period. All the teachers have been technically-equipped with the skills of handling various online platforms, Learner Management System (LMS) and tapped online resources. Teachers have prepared video lectures, interactive power point slides and other means of ICT-enabled Teaching methods, to enhance student engagement. The Faculty have been provided with adequate demonstrations and training to handle online classes. Even after resuming offline classes, the faculty are engaging with students to promote enhanced learning through online platforms such as uploading the assignments, group discussions, online tests, interactions, discussions, sharing course-related academic materials on interactive platforms and WhatsApp groups.

ICT-enabled Teaching-Learning: ICT facilities were created in all the PG departments and University

Colleges. Teachers were given training to use online resources to enrich their teaching. Most of the departments have smart classrooms with interactive TV/smart board facilities. Teachers are extensively using LCD projectors for their presentations, demonstrations and videos. BTech courses have made the provision for MOOC courses to earn credits. Students are provided with an orientation programme to select appropriate MOOC courses.

Digital Library: Library with remote access service is extended to all the students. Students are able to access e-books, e-journals, and various databases. The training programmes and workshops were arranged for UG and PG students, and research scholars to use online resources effectively in their learning. Teachers were given training to use online resources to enrich their teaching. The library also has a collection of instructional videos for teaching. The online resources available on ePathshala, e-PGPathshala, Swayam, Inflibnet, NPTL, J Store were shared with the students through their WhatsApp groups. There are WhatsApp groups for students and research scholars to share library resources and guide the students on using online resources. BU has mLibrary application of facilitating the access and distribution of e-resources. The faculty and students can access digital library resources, including journals, from their respective departments and also remotely through the use of Knimbus.

Webinars: A Series of webinars were conducted at BU during and post-Covid. This has provided a platform for the students to interact with experts from foreign universities. This has led to international collaborations. The University has signed MOU with Infosys to get the benefit of springboard with enormous e-learning materials.

Learning materials on e-platforms: Instructional videos, e-manuals, e-tutorials are used by the teachers to provide audio-visually-rich contents which has made teaching highly effective. Teachers are also participating in various online workshops and training programmes to enhance their ability and impart advanced and updated content to the students.

The faculty have undergone e-content production workshops organized by UGC-HRDC and other organizations.

File Description	Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 26:1

2.3.3.1 Number of mentors

Response: 247

File Description	Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years	
Response: 83.34	
File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. year-wise during the last five years											
Response: 92.63											
2.4.2.1 Number of full time teachers with <i>Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.</i> year wise during the last five years											
<table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>227</td> <td>242</td> <td>256</td> <td>270</td> <td>284</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	227	242	256	270	284	
2021-22	2020-21	2019-20	2018-19	2017-18							
227	242	256	270	284							
File Description	Document										
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	View Document										
Any additional information	View Document										

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)
Response: 18.41

2.4.3.1 Total experience of full-time teachers	
Response: 4548	
File Description	Document
List of Teachers including their PAN, designation, dept and experience details	View Document
Any additional information	View Document

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years				
Response: 95.29				
2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years				
2021-22	2020-21	2019-20	2018-19	2017-18
57	25	76	66	39
File Description	Document			
Institutional data in prescribed format	View Document			
e-copies of award letters (scanned or soft copy)	View Document			

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years				
Response: 19.4				
2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years				
2021-22	2020-21	2019-20	2018-19	2017-18
20	19	20	19	19

File Description	Document
List of Programmes and date of last semester and date of declaration of results	View Document
Any additional information	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0.98

2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
35	35	25	30	25

File Description	Document
Number of complaints and total number of students appeared year wise	View Document
Any additional information	View Document

2.5.3 IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

Response:

The university has been continuously carrying out reforms in its examination procedures, processes and practices through integration of IT. The reforms have also been implemented in the Continuous Internal Assessments (CIAs). Examination procedures have been completely automated using in house customized Examination Management Software (EMS) which ensures

- Data Migration and Result processing software
- Modernization of Network Infrastructure for Examination Branch
- Restructuring of Examination Branch
- Digital evaluation
- Adoption of Digi Locker

All these practices and reforms have had a positive impact on improving the examination procedures and processes for both CIA, Semester-end and Final term-end Semester examinations of the university.

Examination Procedures and IT Integration

Adoption of semester pattern of examinations with continuous evaluation system is practiced in all PG departments and in Affiliated and University Colleges of the university. Digital evaluation system has been successfully implemented for UG, PG and Ph.D examinations.

The positive impact of the Examination Management System of the university are as detailed below.

- Online entry of Students Resumes, attendance and internal assessment help to reduce the errors and save lot of time.
- Online filling of examination /revaluation forms help the students and university in saving time and in generating online admission tickets with ease.
- The university delivers question papers through online mode. The Online 15-30 minutes before start of exam Question paper delivery system (QPDS) helps in avoiding leakage of question papers and saves lot of stationery and physical movements.
- Online panel of examiners for every subject is compiled prior to the examination by collecting the information from the institutions / departments, considering eligibility norms of the University.
- Examiners are provided with login and password for digital evaluation.
- The answers scripts are coded to prevent disclosure of identity of students; thereby bias/malpractice of any kind is prevented.
- Scheme of evaluation along with model answers/solutions are made available to the examiners prior to the commencement of evaluation leading to uniformity in evaluation.
- Photocopies of answer scripts are provided to students who desire so, through online application.
- Evaluation for UG Courses includes the Moderation from senior faculty member of the respective course.
- Third Evaluation – If the difference in evaluation between first and second is more than 15 Marks, then automatically the script will be evaluated by a third independent evaluator.

The process that has helped the examination section to improve the functionality of the system is listed below:

- Online evaluation marks transfer for early result processing.
- Online M.Tech and Ph.D thesis evaluation.
- Online declaration of results.
- Photocopy of answer booklets delivered through email to the students.
- Online filling of student details, examination forms and hall ticket generation.
- Online revaluation application form filling.
- Online QPDS, digital evaluation, internal marks filling.
- Internal assessment is done through conducting three tests in a semester. Average - best of two IA is considered for finalizing the marks.
- Seminars, group discussions, quizzes conducted are also evaluated and online collated lists are prepared.
- The IA marks of the student are uploaded in database using the EMS software.

File Description	Document
Link for additional information	View Document

2.5.4 Status of automation of Examination division along with approved Examination Manual

Response: 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	View Document
Current Manual of examination automation system	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Response:

BU has stated learning outcomes in the curriculum of every programme. The statutes of all the programmes have well-defined objectives and outcomes. The Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course objectives and Outcomes (COs) are framed for each programme and courses after rigorous consultation with all faculty and board of studies. These POs and PSOs are formulated based on the students ability and skill enhancement requirements to fulfill the professional and personal requirements. Program specific objectives are also in compliance with expectations of respective professional bodies of the program such as UGC, AICTE, BCI and NCTE. The syllabus, which has incorporation of the program objectives, program specific objectives, and course objectives are displayed on the University websites and syllabus books of the respective programs.

POs and PSOs along with graduate attributes:

POs and PSOs along with graduate attributes are made clear to the students at the time of admission. During the induction program, student's orientation will be done in this regard. All the faculty are made to mandatorily undergo induction programs and refresher course so that the graduate attribute mapping is made familiarized. In these faculty development programmes; the faculty are exposed to the concept of outcome-based teaching-learning process.

The teaching-learning strategies for each subject is prepared, and approved by each department council and the board of studies as well as in the academic council. To achieve the programme outcome, practical courses are introduced wherever necessary. A well-structured timetable is prepared based on the curriculum and core objectives of the subject. The balance between theory and practical is maintained in most of the programmes. Skill development is given weightage wherever practical learning is required. The complimentary activities such as Club activities relevant to the programmes are planned and executed. BU has well defined Graduate Attributes for BTech and other programmes. The graduate attribute mapping is also displayed in the curricula. Graduate attributes are focused on the qualities and the skills enhancement for the overall development of the students. The same has been articulated through the

programme objectives and goals. These outcomes are enabling our students to compete in the job market by acquiring relevant knowledge, attitude, and experience.

HODs/Coordinators ensure that the teaching and learning outcomes are achieved through close monitoring of the performance of the students through class work, internal assessment, and through formative and summative assessments. The courses in the programmes not only focus on skill enhancement but also on the ability of the student for the overall development of the students. The subjects such as digital fluency, environment, constitution, communicative English, research methodology, and other soft-core courses focus on developing logical thinking and application of the mind of learners.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	View Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

2.6.2 Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution

Response:

In order to evaluate the attainment of POs, PSOs and COs, the formative and summative evaluation methods are used. The formative evaluation system comprises home assignments, behavioral aspects, internal tests, competitions, projects, experiments, publications, seminars, forums, group discussions, field projects, conference and industrial visits.

The assessment consists of various parameters to measure the performance of each individual student performance, by considering attendance, presentations, case studies, internal tests, record maintenance and assignments with respect to the academic framework.

The summative evaluation system consists of semester-wise examinations conducted by the University. The University has timely revision of syllabus and pattern of performance evaluation. UGC-CBCS summative system is adopted to evaluate the performance of the students based on allocated external exam marks.

Each course has a defined set of Course Outcomes and corresponding evaluation criteria. The Cos are mapped to the POs which are used to provide the quantitative measurement. The performance of the students in the examinations during the semester in each course is used to compute the level of attainment of the POs and PSOs through the mapping of questions to COs and COs to POs and PSOs. CO-PO & PSO mapping for all the courses in the program is prepared by the concerned Board of Studies in consultation with faculty members. The undergraduate course syllabus is prepared as per the requirements of National Education Policy implementation guidelines.

The POs are prepared considering Cognitive Domain (Knowledge), Affective Domain (Attitude) and

Psycho-motor Domain. About 90% of the programme curricula have been revised during the last five years. In the process of implementing NEP, the programme outcomes are framed and systematically developed as per the revised Bloom's Taxonomy.

The Programme outcome attainment is mapped through regular assignments, internal tests, end-semester theory and practical examination, project work, and field work. The interaction with field experts/professionals will make the students understand their level of skills and knowledge and future needs to enhance the skills.

Majority of the students are from rural areas and have pursued their studies in regional language, i.e., Kannada. In this context, University has set a bench mark of 60% from summative and formative assessments. For the academic year 2021-22, university has a record of achieving 93.31% course attainment.

File Description	Document
Upload any additional information	View Document

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 98.02

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 2321

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 2368

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	View Document
Upload any additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.56

File Description	Document
Upload database of all currently enrolled students	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

Bangalore University's research facilities are constantly updated so as to reach both national and global benchmarks and also to improve the institutional research culture to a high standard.

Promotion of Research: Planning, Monitoring & Evaluation Board (PMEB) is a statutory administrative unit of the university involved in the overall planning, monitoring and evaluation of academic, research and development programs of the university. The Development Section of the University (i) facilitates research initiatives (ii) ensures planning of financial resources of the University from different international, national and state programs (iii) provides necessary documentation towards consultancy works, patents and so on. There has been a continuous effort by the University to promote procedural flexibility in administrative work to augment active research. The Research Advisory & Consultancy Guidance cell motivates the faculty members of the University to take up consultancy projects so as to enrich their professional experience and knowledge.

The University strongly encourages interdisciplinary/transdisciplinary research and provides a multidisciplinary academic environment to indulge in high-quality teaching as well as research in Natural, Physical and Life Sciences, as well as in Humanities, Social Sciences, Engineering, Business & Management, Commerce, Law and in other domains. There have been dedicated efforts to engage faculty members, students in active research, recognize and incentivize significant research achievements both by teachers/students.

Advanced research facilities with required infrastructure in terms of space, equipment and support facilities have been established with the help of the following Research Grants:

UGC- Special Assistance Programme (SAP) – Rs. 344.5 Lakh

Centre with Potential for Excellence in Particular Area (CPEPA) – Rs. 759.7 Lakh

DST Promotion of University Research and Scientific Excellence (PURSE) program – Rs. 735 Lakh

DST Fund for Improvement of Science & Technology Infrastructure (FIST): Rs 268 Lakh.

Rashtriya Uchchar Shiksha Abhiyan (RUSA) – Rs. 2000 Lakh

Some of the high-end equipment like Raman Spectrometer (Horiba), FT-IR spectrometer (Perkin Elmer), Networking Facility, LC-MS (Liquid Chromatography Mass Spectrometry; Agilent), HPLC (High Performance Liquid Chromatography Systems (4 Nos- Agilent; 1 No- Shimadzu), Polarizing Optical Microscope (Leica) and so on have been procured under the DST-FIST and PURSE Programs. Young faculty and Ph.D. students get training to operate and maintain the equipment. Most of the equipment procured under the aforesaid schemes have departmental, inter-departmental and inter-institutional usage.

Bangalore University has the following well-defined documents which qualify as the Research Policy.

- Guidelines for sponsored research projects
- Ph.D Regulations
- Plagiarism Policy and Regulations
- Consultancy/Advisory Project Guidelines

These are uploaded in the University Website for the consumption of all stakeholders.

Faculty members of the University have received funding support to carry out high quality research from various funding agencies such as, Board of Research in Nuclear Sciences (BRNS), Ministry of Environment, Forest & Climate Change (MoEF&CC), International Centre for Mediation and Conflict Resolution (ICMR), Environmental Management and Policy Research Institute (EMPRI), Indian Space Research Organisation (ISRO), Indian Council of Social Science Research (ICSSR), Department of Bio-technology (DBT), Indian Council of Medical Research (ICMR) and so on. In addition, the University has sanctioned seed money of Rs. 2.00 lakhs per faculty Member for their research projects.

Bangalore University encourages new initiatives pertaining to dissemination of knowledge. COVID-enforced online mode has enriched ICT adoption in teaching/research and has strengthened e-learning strategies significantly to ensure a disruptive yet efficient learning environment.

File Description	Document
URL of Policy document on promotion of research uploaded on website	View Document

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 43.5

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
212.57	1.407	0	1.50	2.00

File Description	Document
Institutional data in prescribed format	View Document

3.1.3 Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

Response: 13.99

3.1.3.1 The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
24	24	26	33	86

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the award letters of the teachers	View Document

3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

Response: 1038

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
226	131	106	70	505

File Description	Document
Institutional data in prescribed format	View Document

3.1.5 Institution has the following facilities to support research

- 1. Central Instrumentation Centre**
- 2. Animal House/Green House**
- 3. Museum**
- 4. Media laboratory/Studios**
- 5. Business Lab**
- 6. Research/Statistical Databases**
- 7. Mootcourt**
- 8. Theatre**
- 9. Art Gallery**
- 10. Any other facility to support research**

Response: A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	View Document

3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

Response: 59.57

3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by national and international agencies.

Response: 28

File Description	Document
Institutional data in prescribed format	View Document
e-version of departmental recognition award letters	View Document
Any additional information	View Document

3.2 Resource Mobilization for Research

3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).

Response: 239.06

3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
176.00	1.40	7.07	8.72	45.87

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

Response: 13614.53

3.2.2.1 Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
5273.66	1501.88	2287.96	633.11	3917.92

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by government	View Document
Any additional information	View Document

3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years

Response: 3.55

3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years.

Response: 216

3.2.3.2 Number of full time teachers worked in the institution year-wise during the last five years..

Response: 304

File Description	Document
Supporting document from Funding Agency	View Document
Institutional data in prescribed format	View Document

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.

Response:

Ecosystem for Innovations:

Innovation in education means ‘solving real problems in a new, simple way to promote equitable learning’. Innovation in education is expected to match the scale of the solution to the scale of the challenge. Innovation is thus a creative change that adds value, and provides a competitive advantage to the organization.

BU has been continually working towards establishing an Innovation Ecosystem by trying to transfer ideas into real innovation. All required facilities are provided and research guidance in this direction is extended to PhD students. Necessary support is provided for documentation, publication of research papers and also for registering/obtaining patents. Regular workshops/seminars are conducted on Research methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill development. Faculty members and students are encouraged to take active role in developing international partnerships/collaborations. Participation in International exchange programs/Internships are strongly promoted. University encourages its faculty members to undertake consultancy on a revenue-sharing basis. Advanced research facilities with required infrastructure developed with the help of Research Grants from UGC-SAP, UGC-CPEPA, DST-PURSE, DST-FIST, RUSA BRNS, MoEF&CC, ICMR, EMPRI, SERB, ISRO, ICSSR, DBT and such others also promote the innovation ecosystem of the university.

Incubation centre

BU had recognized the importance of building incubation spaces in partnership with industries and encouraging innovations through its incubation network so as to create a vibrant ecosystem as early as in 2015. The University has entered into an MoU for 5 years which was then extended by two more years, with Indian Institute of Science, Bangalore to take active part in the National for setting up of Design Innovation Centers, Design School & National Design Innovation Network. The main objectives of this program are

To serve as a location for the industrial collaborators to encourage new Product Development in the campus using in-house facilities.

To facilitate entrepreneurial research and activities in order to create commercial opportunities and build partnerships between academics and industry.

To create an ecosystem facilitating students and faculty to take their innovative ideas from classrooms/abs

to market/people.

In addition, the R&D Lab “Makerspace for Advanced Research, Vital Education and Learning” (MARVEL) has been set up at the University Visvesvaraya College of Engineering <https://hub.uvcemarvel.in>. MARVEL aims to build an innovation ecosystem where the next generation innovators get molded.

Initiatives for transfer of knowledge

The National Education Policy (NEP) 2020 has broader objectives to steadily strengthen the innovation ecosystem in higher education. Bangalore University was the first university to introduce National Education Policy in all its undergraduate programmes. The Ministry of Human Resource Development, Govt. of India has selected Bangalore University as the Nodal Agency for organizing Workshop/Conference on the Implementation of NEP-2020 in the Southern Region-III (Karnataka, Kerala, Pondicherry and Lakshadweep states) on the themes- Access, Quality and Future Readiness.

The placement cell of the University acts as a catalyst to the University-Industry interactions. It enables the University to avail support to students in terms of materials, scholarships and audio-video materials. It also acts as an interface for collaborative activities in the fields of innovative practices and entrepreneurial development. Placement cell also caters to the needs of the University by inviting industrial experts as members of Boards of Studies, to conduct outreach activities, skill development & internship programs to students.

File Description	Document
Upload any additional information	View Document

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

Response: 271

3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
86	55	53	48	29

File Description	Document
Institutional data in prescribed format	View Document

3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers

/ research scholars / students during the last five years.

Response: 171

3.3.3.1 Total number of awards / recognitions received for *research* / innovations won by institution / teachers / research scholars / students year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
34	20	51	39	27

File Description	Document
Institutional data in prescribed format	View Document
e- copies of award letters	View Document

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: A. All of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	View Document

3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1. Commendation and monetary incentive at a University function 2. Commendation and medal at a University function 3. Certificate of honor 4. Announcement in the Newsletter / website

Response: A.. All of the above

File Description	Document
Institutional data in prescribed format	View Document
e- copies of the letters of awards	View Document

3.4.3 Number of Patents published / awarded during the last five years.

Response: 53

3.4.3.1 Total number of Patents published / awarded year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
23	27	3	0	0

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4.4 Number of Ph.D's awarded per teacher during the last five years.

Response: 3.84

3.4.4.1 How many Ph.D's are awarded within last five years.

Response: 1090

3.4.4.2 Number of teachers recognized as guides during the last five years

Response: 284

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4.5 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 10.39

3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
539	518	694	676	441

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4.6 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 2.73

3.4.6.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
141	154	149	162	147

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4.7 E-content is developed by teachers :

- 1.For e-PG-Pathshala**
- 2.For CEC (Under Graduate)**
- 3.For SWAYAM**
- 4.For other MOOCs platform**
- 5.Any other Government Initiatives**
- 6.For Institutional LMS**

Response: A. Any 5 of the above

File Description	Document
Institutional data in prescribed format	View Document
Give links or upload document of e-content developed	View Document
Any additional information	View Document

3.4.8 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 5.32

File Description	Document
Bibliometrics of the publications during the last five years	View Document

3.4.9 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 35

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document
Any additional information	View Document

3.5 Consultancy

3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.

Response:

The primary commitment of a faculty member of the University is towards teaching, research and other academic activities of the University. It is a fact that in the fast changing modern world, the techniques of research, technology, planning concepts are continuously going through a phase of re-evaluation and change. In this context, the faculty and the institution have to keep abreast of the latest changes and developments. This can be achieved by the faculty through their involvement in professional consultancy practice besides their regular duties needless to mention the consultancy practices have many other advantages such as the consultancy practices enrich experience and knowledge of the faculty members in the professional spheres that will upgrade the level of quality teaching, training and research programmes. The faculty members will also have opportunities for implementing their ideas under actual conditions. The exposure of teachers to consultancy practices would enable the teachers to deliver better and in turn help students perceive knowledge in better way.

The faculty members be permitted to engage in private consultancy practice without detrimental to their normal and primary duties in the University either individually or in group or in association with individuals or with established firms on a fee / without fee.

The faculty members shall engage in consultancy practice at their own risk and the University shall not be held responsible legally or for any eventuality arising out of such consultancy practice. Hence, the University has revised the existing consultancy guidelines in order to simplify the norms of consultancy and for speedy and effective implementation.

The teachers of university are permitted to engage in the consultancy projects awarded by the Government/

NGO/ Society/ Private Sector etc., as per the norms.

The University provides provision for revenue sharing in the following way;

- Retainer consultancy works, 30% of the consultancy charges after deducting the allowable expenditure (i.e., 20% of the total consultancy cost) shall be paid to the University account and 70% shall go to the consultant/s.
- Institutional Consultancy (Govt./Semi Govt./Private Agencies), the consultancy works/ projects, etc., which makes use of university facilities such as equipment, instruments etc., 30% of the Consultancy charges after deducting the allowable expenditure (material/ consumable / service cost i.e., 20% of the total consultancy cost) shall be paid to university account and the remaining 70% shall be paid to the consultant/s.
- Routine Consultancy like Material testing, calibration, analysis, and measurements, 30% of the Consultancy charges after deducting the allowable expenditure of 40% of the total consultancy cost shall be paid to the university account and remaining 70% shall be paid to

Intellectual property right arising from the consultancy work is subject to the University Intellectual Property Policy and relevant intellectual property law.

File Description	Document
Upload soft copy of the Consultancy Policy	View Document

3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 342.62

3.5.2.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
172.18	44.42	89.14	34.97	1.91

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.6 Extension Activities

3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years.

Response:

Bangalore University gives utmost importance to its institutional social responsibilities and extension activities. The University organizes number of extension activities in the neighborhood community to sensitize the students and teachers towards community needs, ultimately to benefit the neighborhood and in turn ensure holistic development of the students. Many departments have their own activities to serve the community, viz., Department of Education, Department of Sociology, Women Studies and Department of Social Work undertake outreach activities as a part of their regular curriculum.

Election literacy and Voter awareness:

Bangalore University conducts Election Awareness Campaign to increase the voting percentage, to sensitize the students and community on the importance of voting.

Adoption of villages:

Bangalore University has adopted three villages namely Kallur, Bachenhatti and Maralagondala of Bachenhatti Gramapanchayat for creating awareness about primary healthcare, yoga, art and culture, agriculture, literature, and about various developmental schemes and programmes of the Central and the State Governments.

The University National Service Scheme (NSS) has carried out various social activities throughout these five years encompassing various aspects of community extension service.

Some selected extension activities conducted during 2017-2022:

- Tree plantation within and outside the University campus (with the help/sponsorship of Times Group and Hero Motors – NSS unit of the University took initiative to plant more than 1 lakhs saplings of 30 wide varieties/species in the University to improve the existing rich Bio diversities across 1112 acres of the sprawling Jnanabharathi Campus during 2018-19)
- National Integration Camp (2017-18)
- University Level Personality Development Camp (2017-18)
- Kashmiri youth exchange program (2018-19)
- Construction of low-cost Toilet - Nirmala Karnataka (2018-19)
- Belagavi flood relief (2019-20)
- Workshops and tobacco control (2019-20)
- Enhancing knowledge and skills of NSS program officers to educate community and prevention and control of cancer (2019-20)
- HIV/AIDs awareness program (2019-20)
- Blood Donation Camps (a total of 135 blood donation camps were conducted by NSS, BU during 2018-2021 achieving collection of 16,500 units of blood which was donated to various Blood Banks and Hospitals)
- Road Safety Public Awareness Campaign and Fit India Cycle Rally (2019-20)
- Yuva Ek Bharath-Shresta Bharath, National Integration camp (2019- 2020)
- Drug Abuse Awareness and Prevention (2020-21)
- Awareness Program on Made in India Engineering Products (2021-22)
- Election Enrolment Awareness Campaign (2021-22)

- • Food for Cause Program (2021-22)

During Covid-19 pandemic, the University NSS took initiative to distribute food packets, surveillance and created health awareness. University conducted eight vaccination drives - achieving almost 100% vaccination amongst its non-teaching, teaching staff and students. More than 55 students of the Department of Psychology, BUB served as Corona Warriors, providing Psychological Counselling Services.

The University has received 'NSS State Award' from the Government of Karnataka during the years 2017-18 and 2020-21. The NSS coordinator Dr. Sathish Gowda received the 'Best NSS Coordinator' state award for the year 2020-21 in recognition of the meritorious services rendered in the field of National Service Scheme

File Description	Document
Upload any additional information	View Document

3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years

Response: 65

3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
7	7	18	25	8

File Description	Document
Institutional data in prescribed format	View Document
e-copy of the award letters	View Document

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 228

3.6.3.1 Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
19	67	61	47	34

File Description	Document
Reports of the event organized	View Document
Institutional data in prescribed format	View Document

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 89.38

3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
3243	6820	6558	6408	6313

File Description	Document
Report of the event	View Document
Institutional data in prescribed format	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 61

3.7.1.1 Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
123	68	38	36	40

File Description	Document
Institutional data in prescribed format	View Document
Copies of collaboration	View Document

3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 57

3.7.2.1 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
25	9	12	7	4

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the MoUs with institution/ industry	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The campus of Bangalore University (BU), is situated on a verdant, expansive land area totaling 1111.32 acres. BU is well-equipped with excellent physical infrastructural facilities like adequate classrooms, laboratories, libraries, and computing facilities for Teaching-Learning. Apart from this, there are staff rooms, rest rooms, recreation halls, indoor and outdoor Auditoria, um, conference halls, reading rooms, ramps, and elevators for the differently abled, playgrounds and tracks, indoor sports centre, 12-hostels, administrative building, guest house, publication unit along with sales unit, swimming pool, and a health centre.

A sizeable expanse of green cover is available, even after construction of administrative block, examination unit (*Pareeksha Bhavan*), PG Departments, three Constituent Colleges, quarters and guest house. Every department is provided with sufficient space, including staff rooms, office space for the department head, classrooms, a seminar hall, and open space, in addition to laboratories in the science departments. There is also adequate space for expansion.

Classrooms: Over 358 classrooms are available with ICT facilities including standalone seminar halls located at the department level, six auditoria, and required number of shared spaces. Every department has access to LCD and information and Communication Technology (ICT) facilities for holding seminars and viva-voce.

Laboratories: The facilities of the University meet the standards set by the UGC, the AICTE, the NCTE, and the BCI. There are currently 55 fully-equipped labs at BU. The labs include comprehensive safety features. and an extensive inventory of experiments

Computing Facilities: The university provides access to around 2,000 computers, of which 1,350 are reserved specifically for the use of students and 650 are used for administrative work. In addition, the institution provides social science students with access to a dedicated specialised Information Technology Centre that caters to their needs and helps them to develop relevant skills. In addition, the university satisfies the requirements of the visually- and hearing-impaired fraternity by maintaining a specialised Braille Resource Centre.

Each classroom, smart classroom, and seminar hall has a state-of-the-art ICT tools for Teaching-Learning. Software licenses and open-source alternatives are also available on the PCs. IT has made its way into every facet of the university life at BU, from the classroom to the office. Students, staff, and faculty members make extensive use of the university's IT services. The Center began full operations in May 2014.

Laptops and desktops are provided to all faculty members. All SC/ST students have access to laptops free of cost.

Computer Science, Physics, Chemistry, Mathematics, Geography, Environment, and Electronics Science,

to name a few, all engage in computational work and have advanced computational facilities, both for Teaching-Learning and Research.

File Description	Document
Paste link for additional information	View Document

4.1.2 The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)

Response:

BU has more than adequate facilities for cultural activities, yoga, games, and sports, in addition to auditoria and related facilities.

1. Sports facilities

BU's excellent sports facility includes a Pavilion, locker rooms, and a playground, all of which are used for practicing, coaching, and hosting a wide range of sporting and athletic events. The sports complex includes a track for running, basketball courts, a cricket pitch, kho-kho courts, a hockey arena, volleyball nets, and more. The 8-lane athletics track in the sports complex is brand new and fully equipped. There is a separate gymnasium hall in addition to the aforesaid amenities. The space is used for a plethora of activities, including but not limited to weightlifting, powerlifting, best physique competition, chess, and many forms of physical training. Teams from Postgraduate Departments compete in Zonal and Inter-Zonal Tournaments and the facilities also serve as venues for the University Team selections. Adequate facilities are available for Athletics, cross-country marathon, swimming, shooting, kabaddi, kho kho, football, and many other sports and games. weight lifting, powerlifting, and finest physique are only a few of the disciplines in which BU has been recognized. The programme has produced several national and international talents. The Sports Department places a premium on investing in cutting-edge scientific methods of coaching and enhancing the existing facilities.

Through government and NGO assistance, BU athletes have been able to find well-paying employment in public service and private industry.

BU has organized a plethora of competitions at both the zonal and interzonal levels. The players who have been chosen to compete in the South Zone/All India Inter University Tournaments/Competitions are receiving specialised training in order to ensure their success. The Directorate of Physical Education has also been successful in organising intercollegiate competitions in sports and games, using these facilities. like kabaddi, basketball, hockey, and so-on.

2. Facilities for Cultural activities:

The Department of Performing Arts features one of the best open auditoriums on campus, with 400 seats, excellent for training, practise, and student cultural activities. Students use the facility for dance, elocution, vocal music, instrumental music, district and state cultural competitions, and more. The Department's fine arts has staged concerts, debates, and symphonies. The Department promotes students' learning and

development. Students have won many inter-university events. Gandhi Bhavan, HN auditorium, Venkatagiri Gowda Auditorium, Thimappa Hall, Ambedkar Bhavan, and open-air theatre host cultural events.

3. Facilities for Yoga:

University yoga center provides advanced degrees like the Master of Science in Yoga (Human Consciousness and Yoga). Teachers and students can attend yoga lessons. Daily yoga lasts 1 hour. Yoga is practiced by staff and faculty. The Yoga Centre celebrates International Yoga Day on June 21st with all students and employees.

4. Gymnasium Facilities:

The university's gym is well-equipped. Students can use the gym's weight-lifting, power-lifting, and bodybuilding equipment in the morning and evening. A Physical Director trains participants to improve their competitive performance in a variety of sports and other activities at each session.

File Description	Document
Upload any additional information	View Document

4.1.3 Availability of general campus facilities and overall ambience

Response:

Bangalore University provides support for stakeholders' daily routines. University faculty and personnel have housing. The campus has a Shopping Complex, Health Care Centre, Walking and Gardening Space, Swimming Pool, Community Hall, Bank, Post Office, Fire Station, Police Station, Cooperative Societies, Guest House, Hostels, a sprawling Biodiversity Park, Butterfly Park, Bicycle Track, Daycare Center, and Indoor and Outdoor Game Facilities.

Healthcare Centre:

The university has two operational Health Centres (at JB Campus and UVCE). The employees and students have access to basic medical care. Three experienced physicians and a team of medical supporting staff function at the health facility. Medicines and technical assistance from nurses are provided free of charge in these Health Centres. Staff Nurses with adequate years of experience are available on hand at the healthcentres to help with any unexpected medical situations. There are beds available at the JB campus healthcenter for the temporary monitoring of high blood pressure, chest discomfort, and other emergencies until transfer to a larger facility. Two weekly visits from specialists are provided as well. The four departments at the healthcenter are the outpatient clinic, the general laboratory, the X-ray department, and the pharmacy. The Health Centre is used by over 1,400 people each year.

Facilities of Bank, Post Office, community hall, fire station, Legal Aid Clinic, and Book Shops: The JB campus is a hub for a variety of university services, including a bank (SBI), an ATM, a post office, a legal aid clinic, and a publications office.

Transport facilities to cater to the needs of students and staff:

The BU Campus is well connected by the Bengaluru Metropolitan Transport Corporation (BMTC), Karnataka State Road Transport Corporation buses, and also Namma Metro. The BMTC offered services to the campus from all across the city and its suburbs. The university has allowed BMTC to set up a Bus Stand and a modest depot on its premises. Students and employees alike are using these public transportation options for ease of access and commutation from their place of residence to the university and return. to get to and from class and the office.

Facilities for the Divyangajan: (Persons with Disabilities):

For the convenience of Divyangajan students, the institution has installed ramps, wheelchairs, tricycle scooters, Braille Resource Centres, accessible restrooms, wheelchairs, and tricycle scooters. Moreover, sports equipment is accessible.

Cafeteria: There are cafeteria on campus for students provided at subsidized rates, catering to nutritional and hygienic options on campus, which are also available to faculty and administrative staff.

Unique additional facilities

The university has additional facilities which include a powerhouse, incinerators for laboratories, an animal house that is maintained by the Department of Zoology, and a waste management facility that is supervised by the Department of Environmental Science. In addition to this, there is a History Museum, a Legal Aid Clinic, a Geology Museum, a Sculpture Garden in front of the Ambedkar Study Centre, the Kannada Manuscript Museum, and NSS Bhavan. The University also houses a Sardar Patel Gallery and a Gandhi Gallery.

File Description	Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 44.28

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
7.76	1626.08	2301.42	1906.75	554.39

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Response:

The stakeholders of Bangalore University have access to a variety of support facilities designed to make their day-to-day activities more comfortable. The University provides residential accommodations for its teaching and non-teaching staff members. These accommodations are available to both teaching and non-teaching staff members. The campus features a Shopping Complex, a Health Care Center, space designated for walking and gardening, a Swimming Pool, a Community Hall, a Bank, a Post Office, a Fire Station, a Police Station, Cooperative Societies, Guest Houses, Hostels, a Sprawling Biodiversity Park, a Butterfly Park, a Bicycle Track, a Daycare Center, and both Indoor and Outdoor Game Facilities.

The campus library is the centre of academic life. An extensive Integrated Library Management System (ILMS) is accessible, with functions including acquisition, circulation, cataloguing, reference, serial control, and so on. This system is fully automated, networked, and comprehensive. Using KOHA, an integrated open source software framework that makes use of cloud technology to streamline internal processes, all libraries under BU, including University Colleges, and PG Department libraries, now share a shared database. Via the library's Open Public Access Catalogue (OPAC), patrons can do a worldwide search of the collection from any internet-connected device.

More than 7,000 electronic journals are made available via the e-Shodhsindhu service on INFLIBNET. To name just a few, e-Shodhsindhu provides online access to the full text and databases from 13 prestigious publishers, including the American Chemical Society, the American Institute of Physics, Elsevier, Elsevier Publishing, the Institute of Physics, the Journal of the Chemical Computers and Computer Networks (JCCC), Nature Publishing Group, Oxford University Press, Project Muse, Springer, Taylor & Francis, Web of Science, and Wiley. The library provides access to scholarly journals and books through EBSCO and Emerald, as well as Manupatra, Indiatat, and Sage publications through paying subscribers. There is an adequate number of computers available in the library for conducting research and online searches. Content from these sites can now be downloaded and viewed. Access the internet at lightning speeds thanks to its cutting-edge information and communications technology.

Library patrons can take advantage of a variety of services, including book borrowing, return, and renewal; reprographic services; press clippings; reference services; UGC Infonet Online services; remote access; Wi-Fi facility; and more, throughout the library's open hours.

The KOHA modules include the following: Administration Module, Acquisition Module, Circulation Module, Cataloging Module, Serial Control Module, and Online Public Access Catalog. Students at Bangalore University are provided with ongoing orientation programmes in order to use ILMS, database upgrades, and software.

File Description	Document
Paste link for additional information	View Document

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 154.72

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
283.24	126.32	201.70	65.26	97.08

File Description	Document
Institutional data in prescribed format	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 80

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 5248

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

Response: 100

4.3.1.1 Number of classrooms and seminar halls with ICT facilities

Response: 358

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Response:

1. Internet connectivity: Including the bandwidth that is provided by NKN, the total bandwidth that is accessible is 1000 Mbps. The campus now has a firewall to further beef up its already impressive level of safety.

2. BU Website: The website, hosted at www.bangaloreuniversity.ac.in, is a dynamic resource that is regularly updated as necessary. The e-Governance cell is the central repository for all University circulars, notifications, and meeting minutes, which are updated and uploaded by the relevant sections and departments. The university's website serves as a communication hub, relaying important academic and administrative updates to a wide range of audiences, including students, parents, teachers, officers, connected institutions, vendors, and community members. Students can save time by filling out several application forms online instead of travelling to the University's main campus. Web apps are either tailored in-house or specially designed.

3. Network and Wi-Fi facility: In order to improve performance and ensure that the new network extends to every part of the campus, the existing multimode optical fibre network has been completely replaced with a single mode fibre network. There is about 20 kilometers of fibre cable that links the campus together. There are almost 3,500 wired network nodes on campus, and an equal number of wireless nodes. At least seventy-five access points to the internet are located in each academic wing. All classrooms and labs across the campus have Internet access. To properly expand the wired network as needed, a standard operating method has been established. The campus now features designated Wi-Fi hotspots thanks to the university. Each classroom, office, dorm, and cafeteria as well as the main building's guest house has its own Wi-Fi hotspot. Wi-Fi is available for no cost to students, teachers, and staff. Visitors and guests of the

University are welcome to use the BSNL Wi-Fi service. Seventy computers may access the Internet in the Library's Internet area, with students being the primary users. This room serves as a training space, workshop venue, and student feedback hub. Cost-effective printing services are offered.

4. Data Centre: The University's Data Center is state-of-the-art. This building houses the majority of the campus's computers. The Data Centre is home to all of the campus's application and data servers. Moreover, fibre optic cables connect every structure in the campus to the central Data Center. Technology advancements such as virtualization, high-performance computing, high availability, antiviral via console, and Active Directory are supported.

5. IT facility for Administration: The majority of administrative work is now handled electronically. Some web-based administration systems for things like admission, exams, etc., exist. Online payment gateway is available for your convenience. CCTV and IP-based systems monitor key areas of the campus. The University's e-Mail service, powered by the Google Apps for Education portfolio of products, is available to all full- and part-time academics, graduate and undergraduate research students, and administrative personnel.

Technical teams

1. Wi-Fi, Network, and Internet Support Team: Responsible for providing assistance to users of the network, installing new networks, upgrading existing networks, and ensuring that networks can be scaled. Additionally, a Wi-Fi facility is available on demand.
2. The Hardware and Software support team is responsible for performing repairs and preventative maintenance on IT hardware systems as well as surveillance systems.
3. Software team: Support for e-mail users within the university domain, as well as the development and maintenance of a software application.

File Description	Document
Paste link for additional information	View Document

4.3.3 Student - Computer ratio (Data for the latest completed academic year)

Response: 4:1

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.4 Available bandwidth of internet connection in the Institution (Leased line)

Response: A. ?1 GBPS

File Description	Document
Upload any additional information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.5 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 15.1

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
7.76	272.03	2301.42	194.07	554.39

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

Bangalore University is following systematic procedures to maintain physical, academic, and support facilities. Bangalore University has a 100725.01 sqm built-up area which is located on 1111.32 acres of land. There are 55 laboratories and computer labs, more than 150 classrooms, and 15 seminar halls. There are support facilities such as a gym, ground, health center, guest house, quarters, canteen, library, daycare centers, administrative offices, landscaping, bio-park, etc. Every facility is maintained by the Engineering section of the university with respect to civil and electrical works. Laboratory infrastructures such as equipment maintenance are undertaken by the respective departments, network maintenance is done by the IT center, the garden department maintains landscaping and gardens, and the bio-park division maintains the bio-park area.

The Engineering Section of the University with the help of its staff and agencies appointed by university authorities to undertake the maintenance and oversees the infrastructural facilities within the campus. MAINTENANCE POLICY is developed by the University.

Maintenance of Physical infrastructure:

It is mandatory on the part of the University Engineer / Executive Engineer to review all budgeted works, minor works, works taken up under deposit contribution, or for that matter any work taken up with or without sanction, once a month along with Assistant Executive Engineers to ensure that the works are progressing according to agreed program. University engineers initiate any proposal for carrying out improvements to an existing structure or to take up new constructions or additions or alterations if it is in the public interest. In the case of buildings belonging to other Departments, the engineer should conduct a joint inspection with the concerned officer of that Department, identify the repairs or improvement works to be carried out, prepare priority lists and take action to prepare Estimates either for inclusion in the budget or for taking under lump-sum grants, if feasible.

Maintenance of Academic facilities - laboratory, library, computers, and classrooms

The salient features of the maintenance of infrastructure are stated below:

1. University Engineer fulfills the suggestions received from the heads of the department from time to time regarding the requirements of the Department and its laboratories.
2. The maintenance of the buildings, classrooms, etc. is managed by the Engineering Section.
3. Engineering Section has taken the initiative for the renovation as per the suggestions given by various authorities and the departments/sections of the University from time to time as per their requirements.
4. Improvement in physical ambiance, housekeeping, and cleaning is a routine procedure.
5. The roadside trees are trimmed and groomed regularly not only to improve the ambiance but also to increase visibility on the roads during nighttime.
6. Due care is taken about the internal and external appearance of the departments and administrative buildings by painting them at regular intervals.
7. Many varieties of ornamental and medicinal plants are maintained by the garden section.
8. The infrastructure (Buildings/ Electrification/ other civil work) facilities are maintained by the Engineering Section.

The security, garden maintenance, and housekeeping services are outsourced for maintaining the campus

safe, secure, clean, and tidy to make the campus environment friendly.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).

Response: 79.67

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2021-22	2020-21	2019-20	2018-19	2017-18
5320	5304	5090	5144	5196

File Description

Institutional data in prescribed format

Document

[View Document](#)

5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 51.61

5.1.2.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
5361	3980	3272	2874	1262

File Description

Institutional data in prescribed format

Document

[View Document](#)

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1. Implementation of guidelines of statutory/regulatory bodies**
- 2. Organisation wide awareness and undertakings on policies with zero tolerance**
- 3. Mechanisms for submission of online/offline students' grievances**
- 4. Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Link for additional information	View Document

5.2 Student Progression

5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 100

5.2.1.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
575	758	47	809	605

5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
575	758	47	809	605

File Description	Document
Institutional data in prescribed format	View Document

5.2.2 Average percentage of placement of outgoing students during the last five years

Response: 58.4

5.2.2.1 Number of outgoing students placed year - wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
2100	1965	1245	1625	2135

File Description

Institutional data in prescribed format

Document

[View Document](#)

5.2.3 Percentage of student progression to higher education (previous graduating batch).

Response: 5.14

5.2.3.1 Number of outgoing student progressing to higher education.

Response: 124

File Description

Institutional data in prescribed format

Document

[View Document](#)

5.3 Student Participation and Activities

5.3.1 Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.

Response: 107

5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
52	15	20	9	11

File Description

Institutional data in prescribed format

Document

[View Document](#)

5.3.2 Presence of Student Council and its activities for institutional development and student welfare.

Response:

One of the unique characteristics of Bangalore University is giving significant emphasis to holistic development of students and this is manifested in the abundant opportunities students have to express their opinions, ideas, and skills and receive recognition.

Students are an integral part of Bangalore University; hence, their academic, personality and social development is an objective of utmost importance. The university has initiated measures to involve students in Institutional development and enhance students' welfare. Six students are nominated in Academic Council under the provision of 'Statute governing nomination of 6 students to the academic council of Bangalore University' providing students representation in Academic Council. Nominated students hold membership for two years term. Students representation comprises one student from constituent and affiliated colleges, one student from PG Department, one student from professional courses, one student from constituent and affiliated college with NCC, one student from PG Department, constituent and affiliated colleges with NSS, and one student from Physical Education. The composition provides representation for girl students also.

Bangalore University has established Office of the Directorate of Students Welfare to look after welfare issues like the disbursement of scholarships and free-ships to support student life. DSW acts as liaison office between students and university, specifically on issues of government scholarships and other issues. DSW office also maintains 13 hostels (5 girls hostels), which provide access to higher education, particularly to students from a rural area and economically-weaker sections, with the motto of improving students welfare. DSW office conducts inter-departmental cultural, sports and debate programmes to encourage students to involve in extracurricular activities in the university, along with persuading students to participate in inter-university competitions. DSW has organized lifesaving skills training programmes, particularly for girl students to build self-confidence and protect themselves during emergencies. Students' health check-up campaigns were conducted by DSW to create awareness on good health among students. Academic development of students is another major objective of DSW by conducting research training and analytical skills development programmes. At Department level representatives, one boy and one girl student, are selected in the presence of the Chairperson, to oversee welfare of students including culture and sports activities.?

File Description	Document
Link for additional information	View Document

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 91.8

5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
102	98	102	102	55

File Description	Document
Institutional data in prescribed format	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

Bangalore University has a Global Alumni Network, which is a well-established, close-knit community that strives towards the social and economic growth of the institution and its network.

As ambassadors of the institution, the members play a key role in, Industrial collaboration, Research collaboration, and Academic collaboration. Training and development, Scholarships, Societal contribution and infrastructure development.

Bangalore University has an illustrious and glorious history with vast alumni having excelled in social, political, technical, business, industry, entertainment, sports, and cultural spheres. Prominent alumni are Prof. M. R. Srinivasan, Nuclear Scientist, Dr. Roddam Narasimha, Aerospace Scientist, Dr. Rajaramanna, Science and Technology, Dr.V. K. Aatre, Scientist, Sri Ravishankar Guruji, Spiritual Leader, Sri SriSriShivakumara Swamiji, Spiritual Leader, Dr. H. Narasimhaiah, Educationist, Sri M. N. Venkatachalaiah, Chief Justice of India to name few.

PG Departments and Constituent Colleges of Bangalore University have registered and functional alumni associations, which are active and provide support to existing students. UVCE alumni association is actively involved in renovation of UVCE Iconic building construction and participates in various activities for the upliftment of the college. Alumni Associations - UVCE Alumni Groups, UVCE Foundation, Vision UVCE, UVCE Graduate Association (<https://www.uvcefoundation.org/uvce-infrastructure-contribution-for-building-the-new-uvce/>) have contributed funds for infrastructure development; Skill Development training; organized Placement Sessions and Soft-Skill Development Activities for students and also guiding students for projects, entrepreneurship activities, and conducting alumni-student interactions. UVCE Alumni are supporting students education by providing scholarships and also guiding them to become entrepreneurs. Team Vision UVCE has been sponsoring scholarship (482) for the Tenth consecutive year, particularly for needy students to reach out to their dreams (https://docs.google.com/spreadsheets/d/1impkWdbr9N23-V0xmKpzAA_V24yyang2/edit#gid=421206269). UVCEGA provided laptops to students for equipping them with technological support. UVCE Foundation has contributed over 75 Lakhs for the establishment of computer labs and placement offices that included smart boards, furnishing, computers and other infrastructure to meet the latest standards (<https://docs.google.com/document/d/1zzZvSvcqa09qOnAm0L70SzIZXcvXMY79/edit#heading=h.3znysh7>). Further, Political science,

Geology(Geo-Society), Biotechnology and Micro-biology departments have registered Alumni association. These associations are actively involved in organizing conferences, workshops, career guidance and student placements. All departments have conducted meeting of alumni association regularly. Noted alumni members have been invited by Departments for special lecture, orientation and skill enhancement training programmes, interaction with students, career development talks to motivate and encourage students to pursue and excel in their education.

University Law College Alumni Association was registered in 2016. It has supported the Law department with respect to infrastructure development and actively mentoring students through various academic activities. It is involved in renovating the seminar hall with Rs. 2 crores budget. They have been guiding the department in syllabus formation, webinars, chamber practice etc. The alumni also conduct pre-recruitment talks to offer the current students an idea of what to expect in the recruitment process. They provide our trainers with the specific skill set requirements of the industry as to learn how to redesign training programs, accordingly to increase the employability factor of our students.

The strong bond between the Alumni and the university is a major strength of the BANGALORE UNIVERSITY brand.

File Description	Document
Any additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in Lakhs)

Response: A. ? 100 Lakhs

File Description	Document
Any additional information	View Document
Link for any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.

Response:

The academic and administrative structure at BU is significantly informed by the institution's explicitly stated Vision, Mission, and Objectives (VM0).

The Bangalore University was founded in 1964 in the former Mysore University Science Centre, Central College. The University's motto, "Jnananam Vignanasahitam," taken from the Bhagvad Gita (Chapter 9), meaning "imparting greatest knowledge is by scientific means." The university crest, represents this phrase. The wisdom light is the crest's centre. The lamp's atomic arrangement represents science. Corn ears symbolise prosperity. Kempegowda Tower on top represents Bangalore for the Bangaluru Mahanagarapalike (Bangalore Municipal Corporation). The BU became a multidisciplinary institution before the NEP 2020 with 47 departments, three university colleges (Engineering, Physical Education, and Law), and recognised higher education centres.

The clearly-stated Vision of BU is **“To promote excellence in higher education for a vibrant and inclusive society through knowledge creation and dissemination”**. The focused Mission of the institution is **“To Promote Access, Equity, innovation and excellence in Higher Education delivery and services”**, which has led to the following well-defined statements of Objectives to:

- Impart quality higher education to meet national and global challenges
- blend theoretical knowledge with practical skills
- encourage the faculty and students to achieve academic excellence through high quality research and publications
- provide access to all sections of the society to pursue higher education
- promote the use of new technologies in teaching and research
- inculcate right values among students
- promote leadership qualities among students
- produce socially-sensitive citizens
- contribute to nation building and
- hasten the process of creating a knowledge society through a systematic process.

To increase students' employability and professionalism, BU has launched 32 new degree, diploma, and certificate programmes during the past five years in cutting-edge fields of the arts, humanities, sciences, and technology. Being the nation's first university, BU has also launched four four-year undergraduate BA, BSc, and BCom Honours programmes with a variety of admission and departure possibilities as well as open elective options, reflecting the institution's governance's vision, mission, and objectives.

Divyangajan and a vibrant International Centre established in 2017 to host nearly 1400 international students in various postgraduate and undergraduate courses under both the Self-Funded and ICCR fellowship schemes are further reflections of the university's intent to uphold its Values and Mission Objectives (VMO). Social inclusion, equal opportunity, and support to marginalised are also included in

this category.

The successful adoption of Digi Locker, a flagship initiative of the Ministry of Electronics and IT (MeitY) under the 'Digital India' mission of the country, focused efforts at Environmental conservation through a planned Biodiversity park spreading over 800 acres, and six check dams are also reflections of the institutional VMO. All of these initiatives are part of the 'Digital India' mission of the country.

In addition to the aforementioned, the three university Colleges, the HRDC (formerly known as ASC), and a few Departments of the BU each have their own focused Vision and Mission statements that are aligned with the institutional VOM. These statements are reflected in both the academics and administrative governance of the institution.

File Description	Document
Any additional information	View Document

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

BU follows the Karnataka State University Act 2000, granting jurisdiction and autonomy to all functionary organisations with decentralised governance. Decentralization and participatory management are University principles. University administration and academics are decentralised. The Curriculum review, Board of Studies, Research Advisory Committee, Academic Council, and many others approve academic concerns after department-level faculty participation. The University also delegated and monitors departmental-level planning and development through committees. IQAC benchmarking and quality enhancement and maintenance initiatives are decentralised. Departments design and build curriculum, and BoS reviews and updates it. Decentralization is institutionalised.

Culture of Participative Management:

There is a culture of participative and proactive management in all the statutory bodies as mandated by UGC. Participative management extends not only to the academic but also to administrative and research activities. Faculty are actively engaged in several administrative roles that groom them for leadership and professional growth including planning tasks, enhancement of the use of technology, training and development, collaborative academic and research initiatives and so on. All major initiatives involve consultative meetings cutting across different levels, to seek suggestions.

Involvement of Leadership in Management System Development:

While it is ensured that the decisions are taken by relevant statutory bodies in accordance with the powers, duties and responsibilities vested with them, there is a mechanism of the Syndicate Committee efficiently supporting the frequent decision process. All this ensures smooth conduct of operations. The Deans and Directors are adequately empowered to function independently. The Finance Committee, the Works Committee and the Technical Committee, Hostel Advisory Committee, Purchase Committee, Deans

Committee, Faculties, Board of Studies, Board of Appointment of Examiner, Ph.D. Registration Committee, and Local Inquiry Committee etc. assist the Vice-Chancellor and Syndicate in smooth and participative Administration.

Integration of Leadership with Stakeholders:

Heads/Chairperson of the Departments act as Liaison Officers between the University and students/staff of the department. Parents are free to meet them to discuss the progress or issues of their wards. All student grievances are effectively addressed. Various statutory bodies/committees have student representatives viz., Academic Council, Internal Complaint Committee, Legal aid clinic, NSS Advisory Committee, SC/ST students amelioration committee, Sports Advisory Committee, Cultural Advisory Committee, Hostel Management Committee, where Leadership is also groomed.

The decision-making bodies take into account student feedback which is collected every year from outgoing students while planning the infrastructure development and other academic activities. The permanent functionary bodies like PMEB, DSW, IQAC, CDC, UGC- HRDC, various cells (OBC Cell, SC/ST cell), centers (Braille centre, Equal Opportunity, Inclusion and Exclusion Center) committees (Research Advisory Committee, Academic Development Committee, Campus Development Committee, Anti-Ragging, Anti-drug, Internal Complaints Committee, Finance Committee, Works Committee) have Special Officers and Coordinators who are nominated/appointed from among the faculty members, for effective and efficient performance in academics and administration.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic plan is effectively deployed.

Response:

Objective and honest evaluation is essential to the educational and University administration. BU has 294 associated institutions, 47 PG Departments, 3 university colleges, and 6300 PG, 772 PhD, and 1,10,000 UG students. The evaluation process is enormous and intricate, involving 4000 examination papers printed and delivered annually for various courses. For the past five years, BU has taken creative technological steps to advance. Stakeholder confidence and faster, error-free results are the goals. The milestone was reached by following tech-driven initiatives:

Data migration and Result processing software

All Old Data was migrated, tested, and validated from Oracle 9i Database to Oracle 11g C. The University spent almost Rs.2 crore creating, testing, and implementing new software. The University's in-house personnel could migrate the database to the new Server for 10 lakhs. Software development required 6

months.

Modernization of Network Infrastructure for Examination Branch

The Examination branch has been wholly networked with three manageable core switches and 25 distributed switches with backbone of OFC to provide network to 730 network points. The examination branch is under CCTV surveillance with 96 cameras using NVR and a 5-access control system.

Restructuring of Examination Branch

The Examination branch has initiated the decentralization of the services through e-Seva to reduce the unnecessary delay in addressing student grievances by integrating the computer personnel into the respective sections for speedy disposal of students' grievances.

The distribution of marks cards and other certificates to the students has been streamlined, and a single window has been established to ensure smooth and hassle-free distribution of the certificates. A dedicated Computer Unit coordinates with the University's Online Pre-examination and Post-examination system, the Digital Evaluation Unit, and provides students' marks after evaluating answer scripts. After the declaration of results, the marks card data is uploaded to Digi-locker, from which the students can download their marks cards/certificates online.

Digital evaluation

Another step towards digitization was the introduction of the Digital Valuation System (DVS). The answer scripts are scanned in-house (42 scanners) and securely stored in the servers. The number of valuations for each answer script in UG is Four (primary valuation, reviewer, and two valuations (if the candidate applies for revaluation)). The number of valuations for each answer script in PG is four (First valuation, second valuation, third valuation (if the difference is more than 15%), and revaluation). This method has solved many problems, viz., nil totaling mistakes, writing marks lists, contactless/smart valuation (boon during the pandemic), easy retrieval of answer scripts in problematic cases, and providing a copy of answer sheets to the students. This transformation ensured satisfaction and transparency among all the stakeholders by reducing negative publicity and delay in publishing results.

Adoption of Digi Locker

The Examination branch has successfully adopted Digi Locker, a flagship initiative of the Ministry of Electronics & IT (MeitY) under the Digital India program using in-house facilities. More than 16 lakh marks card/Degree certificates are uploaded to Digi Locker. A Single window system has been established for providing Provisional Degree Certificate (PDC), Migration certificates, and Official Transcripts (OT).

File Description	Document
Link for Additional Information	View Document
Strategic Plan and deployment documents on the website	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

The BU institutional bodies are established and operate in accordance with UGC and KSUA 2000 regulations. Its memberships consist of highly accomplished individuals from across the country who are experts in their fields and have extensive worldwide experience in addition to their academic credentials.

The effective functioning of these bodies is also ensured by the process of setting the prior agenda, providing the necessary background documentation, maintaining records of attendance, the process of preparing, reviewing, and approving minutes, and the process of following up on reporting and Action Taken Reports on the implementation of the decisions and recommendations of the respective bodies. The Administration is significantly improved in terms of its visibility, effectiveness, and efficiency as a result of the implementation of appropriate policies and manuals.

Administrative setup

The necessary coordination, role diversity and process flow considerations in the functioning of the bodies are ensured by the unifying leadership of the Vice-Chancellor and the principal officers of the University. Statutory bodies of the University including the Syndicate, the Academic Council, Finance Committee, Planning Monitoring and Evaluation Board, the various Boards of Studies, the Finance committee and IQAC have played a critical role in the transformation process in the last five years towards the elevated ranking of the University based on all-round performance. The effectiveness of the functioning of the bodies in BU is reflected by a high degree of participation of both internal and external members.

In addition to the department-based administrative structure, there are a number of other committees and forums that cut across a variety of disciplines and departments to provide a responsive and inclusive approach as well as unitary policy guidance. Some examples of these committees and forums include the student grievance redressal cell, the anti-ragging cell, the internal complaints committee, the equal opportunity cell, and the SC/ST Amelioration Committee. The creation of specialised service roles within the organisation, such as Directors for admission, placements, corporate communications, international relations, and quality initiatives, helps to promote efficiency within the organisation. These roles, in addition to involving the faculty members, ensure that timely and efficient governance decisions and solutions are implemented.

Institutional Policies

Visible, effective and efficient administration of the university functionaries is ensured through comprehensive policies to realize the VOM of the institution. These policies include the Research policy, IPR policy, Consultancy policy, Scholarship policy, Sports policy and such others. Implementation of policies at the operational level is further guided by the rules of the University. The appointment of personnel, service rules and procedures are all followed strictly according to policies drawn in cognizance of the guidelines of UGC and State government which include the employee welfare, employee engagements, outbound activities, counselling and staff meetings. The updated policies include a scheme called COVID MITRA which provided support for personnel facing challenges during the COVID19

pandemic and its aftermath. Thus, the overall functioning of institution is ensured through the driving objectives, structures, policies, resources and cultural dimensions.

File Description	Document
Link to Organogram of the University webpage	View Document
Link for Additional Information	View Document

6.2.3 Institution Implements e-governance covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .

Response:

Performance Appraisal System for (a) Teaching and (b) Non-teaching Staff:

- There is a Career Advancement System (CAS) for those who work hard to advance. Teaching and non-teaching staff are promoted according to a schedule. Benchmarks promote faculty advancement. The BU PBAS for teaching and non-teaching staff is equitable, transparent, decentralised, and genuine. The technique subjectively examines the employee's talents and limitations, relative worth to the organisation, future development potential, and other aspects that directly or indirectly contribute to the expansion of the institution. Staff credentials are accurately documented so that performance can be evaluated fairly. Both teaching and non-teaching members submit self-evaluations. A committee from the outside reviews their performance and determines promotions. According to the aforementioned criteria, 220 faculty members were promoted to

Professors and Associate Professors, while 483 non-teaching faculty members were elevated.

- Opening up backlog positions and assisting guest faculty who give their time to teach students has also aided community growth. UGC guidelines were implemented to increase supporting teaching staff salary from Rs. 35,000 to Rs. 50,000. Meanwhile, pay for 458 outsourcing workers have tripled in the last four years (from Rs. 8,993 to Rs. 13,993 in 2018, Rs. 15,993 in 2020 and 19,993 in 2022). This change has aided financially devout faculty and staff.

Effective Welfare measures for (a) Teaching and (b). Non-teaching staff:

- The university provides secure residences with 24-hour electricity, water, wi-fi, and security to campus residents. Health facilities for faculty and family members include significant operations. Members have an in-house hospital with limited services for emergencies. The Karnataka Government-recognized Arogya Suraksha Seva Trust provides cashless medical treatment to all professors. NSS wing employees will receive regular medical checkups.
- Staff children receive fee waivers to encourage education. The institution reserves one PG seat for children of faculty and employees.
- All university thrives on research, thus it invests heavily in faculty research. A seed funding grant of Rs. 8.09 crores and Rs. 58 crores from external agencies would let researchers showcase their ideas and studies globally, benefiting community development.
- The university pays faculty for international fellowships and IPR filing. MHRD and UGC have chosen the BU as nodal agency to hold the "Conference on Implementation of NEP – 2020" for Region III (Karnataka, Kerala, Pondicherry, and Lakshadweep) under the theme "ACCESS, QUALITY and FUTURE READINESS." Labs and Library are open late for study. University organizes sports day, cultural events, and celebrations. Outstanding faculty are honoured periodically. The Workers Cooperative Society and Housing Society are helping faculty.
- University's "COVID MITRA" programme helps employees and their families affected by COVID-19. This programme has benefitted many and raised awareness of preventive and care. To protect the public, all faculties and their families received vaccinations. During the second phase of COVID-19, BU's students, scholars, and faculty were vaccinated by the government (BBMP) to attain 90%.

Additional facilities: The University's "COVID MITRA" welfare programme assists COVID-afflicted staff and relatives. COVID-19-affected academics and staff receive 24/7 support. It also promotes preventive and care. Faculty, staff, and their families were vaccinated.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Response: 9.13

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1	0	38	34	60

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	View Document
Link for Additional Information	View Document

6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

Response: 17.8

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
26	15	18	18	12

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View Document
Link for Additional Information	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 14.54

6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
13	55	48	53	33

File Description	Document
IQAC report summary	View Document
Details of teachers attending professional development Programmes during the last five years (Data Template)	View Document
Link for Additional Information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

A. Institutional strategies for mobilization of funds:

The University has a reliable framework in place to plan out and keep an eye on how well its financial resources are being used. Resources at the University's disposal are wisely allocated to prioritise improving academic quality, administrative effectiveness, expanding student facilities, and providing accessible, high-quality education at affordable costs. The following steps are part of the university's budget formulation process:

1. Compiling the requirements of the academic and administrative units,
2. Developing a draft budget through the Planning and Development wing and committee authorized by Syndicate headed by Vice-Chancellor / Finance Officer.
3. Seeking the recommendation of the Finance Committee of the University,
4. Placing the draft budget before the Syndicate for approval and
5. Finally, the Academic Council of the University adopts the same. The Vice-Chancellor takes care of the approved budget, and Registrar sees to its implementation.

Every payment is subjected to a pre-audit by the audit section within the University. The Finance Department takes care of the utilization at different stages, with required reports on work done at different levels. The primary sources of finances for BU include:

1. Students' fees from the various degree programs, and Examination Fees
2. Affiliation fees paid by the Affiliated Colleges/Courses
3. Grants from UGC and State Govt
4. Income Earned from rents, lease etc.
5. Grants received from research projects, consultancy, and fellowships

6. Endowment and Philanthropic Fund

Revenue from these programs contributes to the Institute's operational expenses and the Institute corpus.

B. Institutional strategies for optimal utilization of resources:

Budgetary Provision of the University during the evaluation period (Amount in Lakhs)

Year	Receipt	Payment	Deficit
2018-19	41793.00	42404.70	611.70
2019-20	51468.75	53443.30	1974.55
2020-21	50295.03	53565.68	3270.65
2021-22	55175.42	59606.98	4431.56

The entire University's financial aspect is based on the Fund-based Accounting (FBAS) system introduced in 2018. This section acts as a mediator between the University and its authorized Bank, i.e., the State Bank of India, for the classification of receipt and payments, preparation of monthly and annual accounts, and submission of the same to the statutory auditors and Government.

File Description	Document
Any additional information	View Document

6.4.2 Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs).

Response: 8525

6.4.2.1 Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).

2021-22	2020-21	2019-20	2018-19	2017-18
4150	150	1325	1650	1250

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	View Document
Link for Additional Information	View Document

6.4.3 Funds / Grants received from non-government bodies, individuals, philanthropists during the

last five years (not covered in Criterion III and V) (INR in Lakhs)**Response:** 326.21

6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
190.21	80.00	1.00	0	55.00

File Description	Document
Institutional data in prescribed format	View Document
Link for Additional Information	View Document

6.4.4 Institution conducts internal and external financial audits regularly**Response:**

BU has a prudent mechanism of internal and external financial audits for the effective and efficient use of available financial resources of the University. The Finance officer, Finance Committee and Audit department control the financial management of the University. The Finance Officer has the delegation of powers to release funds as per norms, to ensure the smooth functioning of the University's administrative, examination, academic wings, and teaching departments. The University's budget is submitted for scrutiny by the Sub-Committee of Syndicate, internal Audit and external audits to ensure accountability of financial transactions. The details of financial transactions as well as administrative decisions are placed before the State Accounts Department audit team headed by the Jt./Deputy Controller.

After detailed verification of each and every voucher/transaction, the objections (if any) and audit paras raised by the State Government Audit Department and the replies furnished by the respective sections/units of BU will be reconciled by the State Accounts Department. The said report will be placed before the ad hoc committee i.e., joint meeting of BU officials and state Account Department. After discussion, it is finalized and submitted to the University for compliance.

Since 2018, to bring more transparency, the University has appointed one Chartered Accountant Firm to monitor and assist in the audit process in addition to a team of retired officials from the State Accounts Department.

Based on the audit statement submitted by the University, the external Audit is annually conducted by the Karnataka State Audit and Accounting Department (KSAAD). Further, the Accountant General (AG) of the Government conducts an external audit once in every five years. Immediately after auditing, the said agencies give a detailed report highlighting the objections and recovery of amounts to be made. Based on such reports, the University issues specific comments to the concerned sections/individuals responsible and insists on furnishing compliance for such objections/recovery recommended in the audit report as per the

Karnataka State Civil Service Rules, and disciplinary action is initiated to recover the loss in case of any misappropriation. The State Government has completed the audit procedure/reporting till 2018-19, while for 2019-20, the process has been completed and the reports are awaited.

The State Government audited reports with compliances are further submitted before the Paper Laid Committee (PLC) constituted by the State, which consists of the Chairperson and the members of the Legislative Assembly, as well as the Legislative Council. After going through the report, if serious discrepancies are found, the committee recommends the objected audited statements to the Karnataka Legislative Assembly, the highest body in the state.

AG audit primarily concentrates on serious lapses (If any) as identified by the internal and state audits. The University submits the compliance report to the AG office. In case of serious mistakes, cases are further referred to the Comptroller and Auditor General (CAG), who in turn goes through such compliance reports. If found, unsatisfactory, it refers it to Public Accounts Committee (PAC) and the committee initiates a hearing. If found satisfactory, then, the University authorities issue notices to individuals responsible, and action is initiated to recover the amount either from the monthly salary or from their monthly pension on an installment basis.

File Description	Document
Any additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.

Response:

Internal Quality Assurance Cell (IQAC) is a cell established to enhance the quality of the institution as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC is a part of the institution's Quality Assurance System (IQAS) and works towards realizing the goals of quality enhancement. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of the institution and institutionalize the quality assurance strategies.

In pursuance of the National Action plan of NAAC for performance evaluation, assessment, accreditation and quality upgradation of institutions of higher education, the IQAC was established in the year 2003. As per the NAAC guidelines, the IQAC has been striving for internalization and institutionalization of quality enhancement. It is working as a facilitative and participative voluntary system of the University. The composition of the IQAC is strictly in compliance of the NAAC recommendations and is chaired by the Hon'ble Vice Chancellor and with Registrar (Administration), Registrar (Evaluation), Finance Officer, eminent external personalities and faculty members as its members.

During the last five years, the IQAC was involved in the following activities for the enhancement of

quality and sustenance.

- The IQAC brought in many initiatives pertaining to research, campus development, ICT adoption in teaching, providing better focus for the research scholars through workshops, coordinating Academic and Administrative Audit of the University, etc.
- IQAC organized workshops, conducted over 13 meetings, and submitted its recommendations to the University.
- IQAC regularly (annually) conducted feedback from students for the years 2017-18, 2018-19, 2020-21 and 2021-22.
- IQAC prepared the AQARs for the periods 2016-17, 2017-18, 2018-19, 2019-20 since the last accreditation.
- IQAC submitted the data for NIRF ranking from 2019-20, 2020-21, 2021-22 and was awarded the rank respectively as 68, 69 and 64.
- Presently, the IQAC is involved in the preparation and submission of self-study report (SSR) and in this direction, it is in the process of data collection from the faculty members, departments, administration, finance section, examination section, student welfare departments etc.

In conclusion, as a quality assurance body of the University, the IQAC is actively involved in promoting the quality culture across the institution and has been responsible for incremental growth in the quality of higher educational delivery and services of the BU.

File Description	Document
Link for Additional Information	View Document

6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4.Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).

Response: A. Any 5 or more of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution (Data Template)	View Document

6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

Response:

Bangalore University was accredited with an 'A' grade and 3.16 CGPA in the year 2016. In its pursuit of excellence and quality enhancement, the University has undertaken a fair number of Quality Initiatives both in academic and administrative domains. The action taken report on the Peer team Report of 3rd cycle is presented below:

Curricular Aspects

1. Curricular Design and Development: Several new programmes and courses are introduced at the UG and PG level, which are skill and employability oriented.
2. Academic Flexibility: University continues with regular education mode and is receiving good number of applications for admission.
3. Curriculum Enrichment: All the departments are instructed to remove the substantial overlapping content in the syllabus and restructured to avoid replication. From 2018 onwards most of the departments have revised their syllabus and made more skill, field-oriented and project-based programmes.
4. Feedback System: IQAC conducts annual feedback survey from students, faculty and alumni, which are analyzed and appropriate action were initiated in this regard.

Teaching-Learning & Evaluation

1. Teaching-Learning Process: The university has implemented both CBCS (2014) and NEP 2020 are implemented, which are focused on student-centric learning and students' projects.
2. Evaluation Process and Reforms: The examination section is moving from manual valuation to digital valuation for all programmes from UG to PG and e-governance policy is implemented in the examination sections.
3. Student Performance and Learning Outcomes: University has taken the initiative to enhance the knowledge of students based on their learning levels-slow learners and advanced learners.

Infrastructure and Learning Resources

1. Physical Facilities: University has constructed new hostels, among which one is exclusively for north east students to accommodate students and the number of hostels.
2. Library as a Learning Resource: University is regularly subscribing to e-journals/books/thesis and is made available to both PG students, research scholars and teachers within the campus with remote access. The internet bandwidth is upgraded (speed) and more points for accessing internet is provided.
3. IT Infrastructure: University has IT policy and is implementing to improve the IT infrastructure and already implemented e-governance in administration and examination and implementing paper less administration
4. Maintenance of Campus Facilities: University is spending adequate amount on maintenance of Sports, infrastructure, laboratories and other support facilities needs to be strengthened research and mobility.

Governance, Leadership and Management

1. University has developed strategic action plan and is implementing to upgrade the quality of education.
2. From time-to-time University has promoted eligible faculty under the CAS (as per the UGC norms)

and also initiated the process for filling the backlog/HK and also general post.

3. IQAC has constituted advisory committee and policy. The recommendations of UGC, AICTE, NAAC and other higher education monitoring bodies are placed before the advisory committee and appropriate actions have been taken in this regard.

Administrative Quality Initiatives ushered by the IQAC during the last five years:

Many reforms have been introduced in the administrative domain in the post-accreditation period. State-of-the-art information systems, remote teaching learning, online resources, flip classrooms, blended learning facilities had all been introduced. Remarkable improvements were made to sports facilities.

The existing online feedback system was strengthened and the E-Governance in admission, administration, and Finance stands testimony to the ICT-enabled initiatives of the University.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Gender Equity

Gender equity through education promotes the creation of gender-inclusive institutions that allow everyone to succeed, regardless of whether they were born as male, female, or other gender. Bangalore University ensures equal participation and representation of men, women, and other gender at all levels of academic and administrative pursuits. Gender parity is maintained at all employment levels of teaching and non-teaching employees.

To embolden the government's "Beti bachao Beti padhao" initiative University has reserved seats for single girl children in all the departments. Further, it has also provided admission for the transgender community through reservation. In both U.G. and P.G. courses, girls (57%) outnumber boys in terms of admission and performance. The University's dedicated U.G.C. Center for Women's Studies, established in 2001 apart from offering Postgraduate Degrees and Ph.D. programs in Women's Studies, is actively involved in teaching, research, advocacy, Gender sensitization programs, publication, documentation, and extension activities related to women and gender issues. The center, through its bilingual Library (enriched with endowment contributions from leading feminist scholars like Prof Maitrayee Krishna Raja and Prof R Indira), works as a gender resource centre for students within and outside the University.

Safety and Security

University ensures the safety and security of girls' students. All the entry and exit gates, hostels, department buildings, common facilities, and roads are guarded by home guards, and many of them are women. Lady guards predominantly manage ladies' hostels. The entire campus is well-illuminated with high mass lights and street lights. The campus has housed a police station with lady police personnel and ensures the safety of the vast campus through regular patrolling.

Sensitization, Prevention, and Redressal of Sexual Harassment (SPARSH) cell

BU is committed in having an inclusive and safe work environment and, therefore, the Sensitization, Prevention and Redressal of Sexual Harassment and Gender-Discrimination ("SPARSH & GD") Policy strongly supports gender equality and opposes any form of gender discrimination and violence based on sexual orientation or sexual identity. The University has Anti sexual harassment cell or SPARSH cell to address gender-related grievances. The entire campus, including departments, is under CCTV surveillance. Compound walls are constructed around the hostels and other important places to ensure safety and security.

Holistic Health Care system

The university Health Center with skilled doctors and nurses, caters to the emergency health needs of the

university stakeholders. Incinerators are installed in ladies' hostels to ensure menstrual hygiene and environmental protection. A nutritious and balanced diet is ensured in girls' hostels. The anti-ragging Policy is in place, and students are sensitized through distributing pamphlets/circulars and routine surprise checks, especially in hostels.

The counselling center, housed in the psychology department, offers Counselling facilities to all students and staff of Bangalore University in their hour of need.

Other Common facilities

Girls’ students have equal access to recreational and sports facilities available on the campus. The accessible ladies' toilets are there in all the departments. Some of the departments have the facility of ladies' room.

University has Day care center under the supervision of the Center for Women studies to take care of child care needs of employees and students, especially research scholars.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy**
- 2.Biogas plant**
- 3.Wheeling to the Grid**
- 4.Sensor-based energy conservation**
- 5.Use of LED bulbs/ power efficient equipment**

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management**
- Liquid waste management**
- Biomedical waste management**
- E-waste management**

- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

Solid and hazardous waste management

The university has deep concern regarding sustainable practices to protect the environment, health and well-being through implementation of effective waste management practices such as segregation, recycling, and composting. Solid Wastes, are categorized into three types, Biodegradable, Non-Biodegradable, and Hazardous Waste. Biodegradable waste includes litter, food waste, canteen waste and waste from toilets etc. Non-Biodegradable waste includes plastic, tin, glass, bottle etc. and hazardous wastes may contain toxic substances generated from different laboratory-related chemicals that are hazardous to the health of the environment.

Solid waste management:

University has a tie-up with Bruhat Bengaluru Mahanagara Palike (BBMP) to collect solid waste from the campus every third day.

The waste is segregated at source and collected by Powrakarmikas to dispose of properly to the dumping yard of BBMP.

Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated and sold to authorize vendors for its recycling.

Biodegradable kitchen waste from mess and cafeteria, horticultural waste such as dried leaves, twigs, and plant clippings is collected from all around the campus and used for vermicomposting.

Dustbins have been installed throughout the campus for waste segregation.

Liquid waste management

The liquid wastes are mainly drained to improve the ground water level. The grey water from the hostels and canteen is discharged to the recharge pit. Glasswares are washed with minimal water. The acidic liquid waste is neutralized by using calcium oxide or calcium hydroxide and alkaline waste is neutralized, by using mild acids. Neutralized water from the above process is allowed to sediment in a tank to remove solid suspended waste and later this water is utilized for landscaping around departments.

Biomedical waste management

Bio-medical waste is managed as per the Bio-medical Waste Management Rules, 2016. Biomedical waste is collected in color-coded bags, disposed and managed as per norms of Karnataka State Pollution Control Board. Following the standard protocol, the concerned department takes utmost care in the disposal of Biomedical waste generated in the process of research. The collection, transportation, storage and disposal of biomedical waste is outsourced to Maridi Bio Industries Pvt. Ltd Bangalore.

Girls' hostels are provided with incinerators for the disposal of menstrual waste material.

E-waste management

The E-wastes generated from Computer Lab, Science laboratories & academic and administrative offices. The E-waste includes out of order equipment or obsolete items like lab instruments, circuits, desktop, laptop and accessories, printers, charging and network cable, Wi-Fi devices, sound system, display unit, UPS, Biometric Machine, Scientific Instruments etc. All such equipment which cannot be reused or recycled are disposed through authorized e-waste recyclers.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any

awards received for such green campus initiatives:

- 1.Green audit**
- 2.Energy audit**
- 3.Environment audit**
- 4.Clean and green campus recognitions / awards**
- 5.Beyond the campus environmental promotion activities**

Response: B. 3 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

- 1.Built environment with ramps/lifts for easy access to classrooms.**
- 2.Divyangjan friendly washrooms**
- 3.Signage including tactile path, lights, display boards and signposts**
- 4.Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
- 5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Inclusive Environment

Bangalore University students' community consists of diverse geographical cultural, socio-economic and linguistic backgrounds. BU has admitted students across the country as well as foreign nationals in different programmes. To foster the inclusivity among the students, the university has established International Centre, Equal Opportunity Cell, SC-ST cell, OBC cell, Braille centre etc. The university has the dedicated housing facility in the form of SC-ST hostel, OBC hostel, Hostels for North-East boys and girls. BU is committed to catering to the needs of socio-economically weaker sections of the society, through free ships, scholarship, free accommodation and food.

Through the centre for foreign languages, university provides opportunities for the students to learn different languages and interact with people from different counties. Apart from this the languages such as Kannada, Telugu, Urdu, Hindi, Sanskrit along with English is taught at post-graduation and research activities are also going on these languages.

In the direction of building a nation of youth, who are right in their attitude and morally responsible, the university organizes and conducts several activities mainly to strengthen and promote a congenial environment for ethical, cultural, and spiritual values among the students and staff as also to develop the emotional and religious oneness feelings among the students and the faculty, commemorative and festive days are celebrated in the campus with the initiative and support of the management for recreation and amusement, in addition to inculcating oneness atmosphere and social harmony. The university and various departments, students, teachers and staff jointly celebrate the cultural and regional festivals. There are different grievance redressal cells in the University like Student grievance redressal cell, Women grievance redressal cell which deal with grievances without considering anyone's racial or cultural background. University has a code of ethics for students and a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities. University has hosted many inter-collegiate, inter-university cultural and sports events. The university has designed its curricular, co-curricular, extra-curricular activities to establish and promote tolerance and harmony.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

It is of paramount importance that every citizen of the country should have a fair understanding of the Constitution of India, to know the avowed Values, Principles, Objectives, Rights, Duties and Responsibilities enshrined in the Constitution. Bangalore University has taken several measures to sensitize its students and employees about the above-cited aspiration of the Constitution of India and to prepare them to be responsible citizens of the country. In furtherance of the said scheme, Bangalore University has introduced a compulsory subject on Constitution of India in all the Undergraduate Programmes offered in the University and its affiliated colleges.

The special lectures are regularly organized for the benefit of students and employees by inviting eminent constitutional experts. Further, the University celebrates the days of national importance such as Independence Day, Republic Day, Constitution Day, Ambedkar Jayanthi, Gandhi Jayanthi and Human Rights Day with fervor and zeal. The students and employees of the University will be made to understand the values and aspirations of the Constitution of India on all such occasions. Students and employees are made to participate in legal aid and literacy programmes organized to create legal awareness as part of participatory learning which include sensitization on environmental importance, societal growth and of various administrative functionaries at panchayat, municipal, state and national levels.

Various competitions such as Debates, Moot Courts, Mock Parliaments, Model United Nations with a special emphasis on the functioning of State and Union legislature are organized to make the students understand the nuances of the constitutional Values, Obligation, Rights, Duties and Responsibilities which have a greater bearing on developing young minds. Students are also promoted to undergo internship under various constitutional functionaries, such as the legislative, executive, and judiciary. The university has strived towards the development and awareness of election enrollment among its students and employees and has created Election Literacy Club to help the students to know their rights and keep them well informed regarding the election process. The university has also taken an initiative to digitalize the election enrollment process through the various academic co-curricular activities.

The University at the Post Graduate level allows its students to opt for subjects on Constitution and its associated subjects as Open Elective courses. The University also provides sensitization/orientation to its teaching and non-teaching staff periodically. Students are also taken to various legislative bodies to observe the proceedings of the sessions. Almost all the departments have designed their curriculum in order to bring awareness about the constitutional rights and values at Bachelors and Masters Level. These papers introduce all students, irrespective of their disciplines to the values enshrined in the Indian Constitution and the need to perform their fundamental duties as a moral obligation.

NSS unit of BU has conducted series of programmes on Constitution Reading to the students. Several departments of the university are engaged in environment conservation activities, traffic awareness programmes, blood donation camps, election awareness campaigns and other life skill programmes.

BU organized a workshop for principals of affiliated colleges and chairpersons of PG departments on value-based education to impart the same to the students.

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

Bangalore University celebrates the national and international commemorative days, events and festivals. The details of efforts of the Bangalore University in organizing national and international distinguished days, events and festivals during the last five years (2016- 2021) is detailed below programme-wise:

Independence Day and Republic Day - This is celebrated at the university with all statutory officers, students, research scholars and faculty. Students and teachers from the department of Dance, Drama and Music perform patriotic events to make awareness of fundamental and constitutional rights and historical achievements.

Teachers' Day – The Bangalore University celebrates the special occasion of 'Teachers Day' through a unique culture of appreciating the efforts and contributions of retired teachers by felicitations. Teachers are honoured by awards for the skills and uniqueness by conducting various sports competitions. On this occasion, teachers are appreciated for their role and importance in building the society.

International Women's Day- Womens' Day is celebrated at university level and in the department of Women's Studies. This special occasion creates awareness about the importance, role and achievements of women in the institution and all sectors of the society among students and faculty members.

Celebration of world Yoga Day - Department of yoga celebrates youth day on the birth day of swami Vivekananda and International yoga day - every year on June 21st. This day yoga is performed by all students, faculty and employees of the university and significance of yoga is communicated with various activities such as speech, demonstrations etc. Yoga experts demonstrate yoga for fitness, health and to relieve stress.

World Environmental Day- Every year World Environmental Day is celebrated by the department of Environmental Science, Bangalore University with an objective of protection, awareness and conservation of environment.

Science Day- To commemorate the noble work of Sir. C V Raman, science day is celebrated in most of the science departments of the university. To promote the science aptitude among the students and employees of the university, activities such as quiz programmes, special lectures, speeches, exhibitions are organized.

National Press Day- National press day is celebrated by the departments of Electronic Media and Mass Communication and Journalism to commemorate the establishment of the Press Council of India. On this occasion journalists of various media organizations, media academy president and members interact with media students and programmes is organized to mark the presence of the free and responsible press in India with special lectures and speeches from senior journalists.

National Engineers' Day- National Engineers' Day is celebrated every year by the University Visvesvaraya College of Engineering on September 15 on the birth anniversary of Sir M. Visvesvaraya. The day is organized every year in the university to honour him and also to commemorate the contributions of engineers.

Other important days like Earth Day, Ozone Day, WMO day, Science Day, Press Day, national Unity Day, DST-INSPIRE Science camp, birth anniversaries of all important personalities are celebrated to spread awareness among students and faculty. All festivals of all religions are celebrated with great fervor to bring about oneness amongst the members of the university community.

File Description	Document
Geotagged photographs of some of the events	View Document
Any other relevant information	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice - I

1. Title of the Practice

Bangalore University Pro-Active Initiative for Social Inclusion (BUPISI)

2. Objectives of the Practice

Bangalore University caters to all sections of the society and attempted to reach the remotely located villages, communities, identities and sections of the society. With this backdrop, BU intends-

- To equip students in achieving their goals and fulfil dreams
- To facilitate the students for overcoming social, cultural, economic and educational barriers.
- To provide necessary infrastructure and human resource support system for the social inclusion.
- To impart necessary skills to face national and global challenges.
- To empower students to be self-reliant leading to upliftment of dependent family.
- To uplift marginalized and socially disadvantaged communities to come to the mainstream of

development

3. The Context

Bangalore University has its reach and access to the remotest villages and communities. The students coming from diverse background like Rural, Scheduled Castes, Scheduled Tribes, Minorities, Other Backward Castes, Single girl child, Transgender and differently abled pupil are just to name a few. Most of the students are first generation literates who are seeking support from educational institutions to address their challenges and fulfil their dreams. There are many private institutions in Bangalore, but the support system required for these students are limited. Bangalore University takes utmost care to support and uplift the qualified, potential and deprived sections of the society. In fact, this dimension is reflected in the Vision and Mission document of the university and it is following an inclusive education policy. Since its existence Bangalore University has witnessed several disadvantaged students discontinuing education due to financial support. In this background BU has initiated affirmative actions such as free ships and reservations for social inclusiveness.

4. The Practice

The BU has taken up many pro-active initiatives to serve students from socially disadvantaged communities with the intension of increasing enrollment to higher education. The initiatives include:

- **Free ships for students and PhD scholars:** All economically backward SC-ST students are given financial support in the form of food, accommodation and pocket money. University is giving Rs. 22,000/- p/m for 1st 3 years and Rs. 25000/- for last two years to all the research scholars to encourage the research activities.
- **Funding for Masters' Dissertation/Project and PhD thesis printing and binding:** University is sanctioning maximum Rs. 5500/- for all SC-ST students to complete the masters dissertation/project. Rs. 15000/- is given to PhD thesis printing and binding.
- **Contingency for PhD students:** Students are provided with contingency amount of Rs. 10000/- to 12000/- yearly.
- **Financial support for internship and study tour:** Many of the PG departments have made study tour mandatarly as part of curriculum. Therefore, SC-ST students are provided with financial support for the same.
- **Supply of Laptops:** University has been providing lap-tops for PhD students as technical support.
- **Tricycle Scooters:** University has taken pro-active measure to support Divyangjan students by providing tricycle for easy mobility.
- **Free books:** University has been providing books free of cost to prepare for competitive exams
- **Braille resource centre and scholarships for blind students:** University has established Braille resource centre to meet educational needs of blind students by providing books in braille format, audio books and other necessary assistance. Further, university is extending monthly/yearly scholarships for the blind students.
- **Empowerment cell for differently abled and equal opportunity cell:** Empowerment of differently abled students providing necessary assistance in the form of software and hardware to enhance their learning ability. EOC providing the platform to get exposure in employment and imparting knowledge.
- **Pre examination coaching for students:** University has special centre for pre-examination coaching to prepare students of all social strata for various competitive examinations.
- **Book bank for SC-ST students at all PG departments:** University is providing assistance to

establish book bank in all post graduate departments to facilitate learning resources.

- **Medical support:** SC-ST students can avail medical assistance as well as financial support for medical treatment for outpatient and inpatient. For emergency treatment special financial assistance is provided.
- **Sports accessories and track suits:** Physical education students receive sports accessories and track suits for their training.

Bangalore University has taken one-step ahead of others in the course of action. This makes Bangalore University unique in itself.

5. Evidence of Success

The proactive measures of the university have been reflected in the number of students enrolling to various courses offered by the university. All reserved category seats are 100% filled every year. Average of 68% students are getting the benefit of free ships every year. The facilities extended has resulted in maximum number of students completing the courses successfully. The dropout rate reducing over the year among socially and economically weaker sections. Free-ship for research scholars made students economically sustain. Through pre-coaching centre students are successfully trained for writing KPSC, UPSC and competitive exams and many have placed in government sectors.

Blind students who have benefited from the braille centre have been employed in government and other private organizations. Many have also cleared the NET and KSET exams and few have cleared UGC- JRF and pursuing PhD and involved in various government project.

Laptops and tricycle supply has technically supported students in pursuing their respective degrees efficiently. Students who were the beneficiaries of the university initiatives have completed higher education degrees successfully and have been placed in their respective fields. 30% of the students who have been benefited from the said policy have secured Gold Medals and rank certificates at UG and PG level.

6. Problems encountered and resources required

The proactive initiatives of university have resulted in increased number of applicants and admission for various programmes offered in the university. This has led to shortage existing hostel facilities. Therefore, providing accommodation and other necessary infrastructure has become a major challenge to the university. Considering the advantages of the said scheme students from other economically weaker sections are also requesting the university authorities to extend the welfare measures, which is a challenge for the university to meet the demand due to reduced financial resources. Trifurcation of BU has led to crunch in internal resource mobilization; therefore, the fund allotment has become a major problem.

Resources required

- Require to increase the hostel strength in terms of seats.
- Necessary to enhance the staff strength
- Adequate monitoring and review mechanism to be established for the appropriate utilization of funds.
- Fund mobilization channels needs to be developed and executed for continuing and extending the facilities to other students also to meet overall sustainable development goals

1. Title of the Practice: Active Employability Enhancement System (AEES)

2. Objectives of the Practice

Bangalore University is actively nurturing students to be competent professional and entrepreneurs. All the programmes offered by Bangalore University are enriched with employability component and more so with faculty of engineering which offers 38 courses with more than 3000 students. Under the motive of increasing the employment opportunities, a system was brought into effect in 1989 in the name of Training and Placement Office at University Visveswaraya College of Engineering (UVCE), a constituent college of Bangalore University during the assessment period.

3. The main objectives are

- To facilitate activities for a sustained holistic development of students
- To develop technical skills for enhancing the employability potential of students
- To equip the students to learn and understand the emerging industrial and research requirements for meeting the global demands

To provide suitable employment opportunities for outgoing students before the completion of their UG or PG degree.

4. The context

The students getting admitted to University Visveswaraya Engineering based on merit and reservation as per the prevailing norms of the Government of Karnataka. UVCE, being one of the oldest engineering colleges in the state consists 6 departments offering 37 programmes at BTech, MTech and PhD level. Most of the students are from rural areas of Karnataka and are from socially, economically disadvantaged sections of the society. It is a challenge to motivate them to ensure that they are ready for modern corporate world to commence their career equipped with requisite technical and soft skills.

UVCE has facilitated students to have interaction with higher level students which lead to the progressive grooming of students towards higher education and the involvement in research activities of M.Tech. PhD and teachers. UVCE alumni consists of entrepreneurs, high profiled managerial, administrative and executive officers. Alumni potential is tapped in curriculum development to meet the emerging industrial needs and providing placement opportunities for outgoing students.

5. The practice

BU has actively involved in skill development and placement of the students through Active Employability Enhancement System.

- The Curriculum is designed in such a way that it leads to skill orientation and career growth.
- Facilitate training from first year itself to enhance Aptitude, Technical and Problem-Solving skills,

soft skills and Innovation skills required for Placement.

- Facilitate training in thrust and emerging areas of technology and research across all the UG and PG programs.
- Facilitate continuous interaction and mentoring with Alumni and professionals for career guidance and future aspirations.
- Facilitate specialized training by Alumni, NGOs and professionals from companies to needy students specifically for female students of rural background requiring additional training.
- Student-driven End to End Management of Training and Placements is taken up by the Student Placement Coordinators under the guidance of Placement Officer to carry out successfully all the processes of Placement Office methodically throughout the year.
- Co-curricular and Extra Curricular activities, academic training and other supporting systems are also part of the main system. UVCE is allotting mentors to the students in the first semester immediately after the induction programme. It is facilitating students to involve in technical activities and research work of the mentor. The institute has established student clubs namely IEEE UVCE, G2C2, SAE UVCE and E-Cell UVCE. Through these clubs students are provided with opportunities to attend global and national workshops, symposia, guest lectures in trending technological fields. Students get guidance and nurturing platforms for skill development and orientation. Clubs also facilitate students to participate in international and national level competitions.
- Industrial linkages are refined from time to time to attract the best companies.
- Alumni Involvement in training, motivating and upskilling students including facility creation apart from extending financial support to needy students.
- Mapping the career orientation from the beginning to end of studentship at UVCE at both UG and PG level.
- Encourage students to participate in various Club activities of IEEE, GDSC, SAE, E-cell, etc. as support systems to enhance Leadership and Technical skills.
- Involvement of UG students with MTech and PhD scholars' research work leading to adaptive mindset and expose to process of research, publication, patenting and ongoing consultancy work.
- For the holistic development of the students and to ensure inclusive and equitable quality education the institution has taken up various socio-cultural activities in the form of fests and extension programmes.
- AEES has created an ecosystem for the students towards entrepreneurship, provide incubation to the startup ideas, mentorship, industry-academia interaction and overall personality development.

6. Evidence of success

Over the years, UVCE Training and Placement Office has hosted numerous corporate giants on the campus. From enthusiastic Indian startups Practo, Nobroker, Digit Insurance etc. to well established Multinational companies like SAP Labs, Fivetrans, Phillips, Adobe, Atlassian, Walmart, Target etc., many Companies have recruited our students offering them standard packages. About 170 companies visited annually for recruiting students including some companies offering CTC of more than Rs. 50 lakhs per annum for full time employment and more than Rs. 75,000 per month as stipend during internship usually carried out in 8th semester. The average CTC for the academic year 2022-23 as on 31st January 2023 is Rs. 10.5 Lakhs per annum. Pertaining to the established trust with the companies, a number of MOU's are made that ensures industry institution interaction for the successive years. Some of the established MOU's are with the companies namely– Volvo, Vodafone, Juniper Networks, CADMAXX Solutions, Ellucian, Thought Focus Information Technology Pvt. Ltd etc. for academics, R&D and internship activities. A look at the placement statistics charts gives the improvement in the overall placement percentages and

internship opportunities over years. Students in the Final Year undergo internship in the companies and will have high chances of getting full time employment after its completion. There is significant student progression to higher studies such as MTech, PhD in iconic institutions of India and also M.S and PhD in prestigious foreign universities.

7. Problems encountered and resources required

Hosting companies on campus demands excellent man work and coordination between student coordinators which also includes infrastructure and logistical requirements. The process of conducting placement related activities has been on and off between offline or virtual modes throughout the years. Though, online mode has been the most feasible one in terms of infrastructure, the demand for high-speed stable internet connectivity, fast and modern computer systems are also noteworthy necessities. When it comes to offline engagement of companies the panels for interview, the seminar halls for presentations and food and refreshment requirements play a vital role in the success of any placement drive. Besides this, fulfilling the logistical necessities of Training and Placement office also is the need of the hour.

8. Resources required for holistic student management system are:

- Involvement of industry experts, practitioners and alumni in curriculum development required to be created to strengthen academia industry linkages.
- Establishment of functional and effective placement mechanism
- Development of industry and alumni data base.

7. Notes (Optional)

- Establish In house company specific Internship centers and Incubation centers by approaching Industries and Companies.
- Establish New Geb-Innovation and Entrepreneurship Development Centre which is managed by Entrepreneurship Development Institute of India (EDII), Ahmedabad under the aegis of National Science and Technology Entrepreneurship Development Board(NSTEDB), DST, Government of India.

File Description	Document
Best practices in the Institutional web site	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response: Environmental Sustainability through Biodiversity Conservation

1. Background

Universities act as a “micromere” of the society wherein the sustainable development is addressed in

the campus will consequently involve and promote the environmental sustainability. University campus holds a great value in the development of a city in the physical, sociocultural, environmental and economic dimensions. Government of Karnataka had handed over 1111 ha of land including few reserves forest in 1974 to Bangalore University. Bangalore University is situated in the outskirts of Bangalore in dry deciduous forest, enriched with sandalwood reserve, historically used as an elephant corridor between Bannerghatta National Park and Savanadurga State Forest. The area not protected till 1998, underwent unchecked degradation due to illegal felling, over grazing, soil erosion, waste dumping etc.

2. University Initiatives on Biodiversity Conservation

Bangalore University has hailed as one of the largest public universities of Asia, demarcated 800 acres of campus area for 'Biodiversity Conservation' in 1998, today it acts as one of the important lung spaces of Bangalore city. The key initiatives taken by University for Biodiversity conservation is as follows

- The 800-acre area demarcated for Biodiversity conservation is divided into nine Sectors based on topography, drainage and slope pattern.
- Construction of seven check dams with the support of Central Ground Water Board.
- Soil and moisture conservation works to improve habitat and microclimate.
- Established nine functional gardens such as Madhuvana, Danvanthri vana, Sanjeevi vana, Keystone species garden, RET conservation area and others.
- Planted 1.6 lakh saplings in last five years program.
- Created Geo Park for the benefit of researches and students
- Established Charaka vana consisting of medicinal plants.

3. Outcome of the conservation Initiatives

The campus Green policy envisions to 'Integrate sustainable practices into all aspects of university planning and operations, focusing both on the current and future implications'. With this regards the University has championed in bring out the following fruitful outcomes through its conservation Initiatives adding to its distinctiveness.

i. Ecology and Groundwater recharge

As per the records around 5 lakh saplings belong to 300 species were planted in the campus from 1998 to till date. Further Biofuel and Bamboo plantation were also developed at sector 8 and orchard plantation is been developed at Sector 2 and 9. The overall goal of the Bio-park is to improve the quality environment, clear air, water, carbon sequestration, climate regulation and aesthetic values. In addition, the migration and breeding of birds and animals including insects and butterflies could be a strategic outcome of the programme. The average annual rainwater potential of the university campus is estimated to be 1550 million liters. Bangalore University has been awarded the 'Jalarushi Puraaskar-2020' award for the implementation of water conservation techniques. Department of Environmental Science, Bangalore University has a model Rainwater harvesting model in the campus. The Department has an annual rainwater potential of 6,65,036 litres/year, which is used for maintaining garden area, Gene bank and newly developed fruit garden.

ii. Research Laboratory

With its high biodiversity index of 4.15, it is home of diversity of plants, trees and herbs which has attracted a variety of birds, butterflies, reptiles etc. The rich ecological services provided by this urban forest has turned it into a field laboratory resulting in number of research work by students, scholars and scientific community. A total of 19 research works was carried by students on various topics including biodiversity, regeneration, carbon sequestration, footprint analysis, waste management, water quality, termites sandal wood etc.

iii. Medicinal and Ayurveda garden

Charkavana has spread over 12 acres with the vision to conserve and create awareness on the medicinal plants mentioned in the Charaka Samhita on Ayurveda, to lead a long, happy and healthy life. Several programmes were conducted for mentally retarded children's in charkavana from 2017 to 2020. Charkavana also hosts wide range of medicinal plants which is subjected to ex-situ conservation at Danavanthri and Sanjeevavana.

iv. Extension Activities

Around five NSS programmes are conducted annually in the campus, wherein students across states involve in the program. Where, they are involved in, pitting, planting, soil work, watering, deweeding, fire control, manuring, tending and protecting.

The locals other than university students and staff use the green space for walking, hiking, exercising, social meet ups and other recreational activities which offers an overall benefit to their mental and physical health. Around 5000 neighbourhood communities visit Bangalore University every day.

v. Ecotherapy Activities

'Ecotherapy Programs' were conducted for around 246 participants including special children, parents, teachers from seven special schools including Jnanajyothi Rehabilitation Society for Disabled, Chiguru Trust Special School, Manav Charities Special School, Dharithree Special School and others. Also, number of students from various educational institutes visit the University throughout the year for educational tours.

4. Way Forward

Among 500 plant species conserved, species such as Rose wood, Sandal wood and Red sanders were listed in IUCN globally threatened red listed category. The biodiversity area is the source of live laboratory for faculty, students and researchers. Hence following measures were suggested to conserve the biodiversity.

- It is recommended to declare Biodiversity rich area as Heritage site under Biological Diversity Act, 2002
- It is important to establish interpretation centre on biodiversity, wildlife and sustainability to create awareness to general publics.
- It is also important to prepare a monograph and brochure on different aspects of biodiversity for creating awareness.
- One third of the 800-acre area has to be reserved for grassland to promote regeneration of medicinal herbs and ground nesting birds and mammals.
- Its is also important to restrict the movement of publics in the conservation area and undertake protection measures.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

To maintain continuity in conceiving, designing, implementing and operationalizing the futuristic activities of the Bangalore University, an Institutional Perspective Strategic Plan (IPSP) has been prepared for the next five years (2023-2028). University aspire to Cater to internationalization of BU HE, Establish a dedicated Centre for fostering community engagement as per the UGC norms, Establish need-based professional programmes, Establish feasible and useful collaborative with institutions/centres of excellence as already established on the BU Campus, Establish a central instrumentation centre to house single/expensive equipment and made it available as a shared facility to all stakeholders and Start relevant UG programmes to seamlessly integrate with multidisciplinary PG Studies & Research.

Concluding Remarks :

Bangalore University, JB Campus is a quality conscious aspirational institution. It believes in the transformative principles of NEP 2020 and UN SDGs 2030. In the years to come, it is determined to enhance its activities to embrace the challenges of internationalization of HE, structural changes necessary to do away with its affiliatory role and looks forward to augment:

1. Its institution-inducting partnerships.
2. Alumni engagement.
3. Foster community outreach beyond the jurisdiction of the state and
4. Adopt new-age technologies to enhance its operations.