

CRITERION - VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT



BHARATHIAR UNIVERSITY

Coimbatore - 641 046, Tamil Nadu, India

State University I "A" Grade by NAAC I Ranked 15th among Indian Universities by MoE-NIRF

6.2.1: The Institutional Strategic Plan is Effectively Deployed

Links cited in the response

DRDO –Industry – Academia Centre of Excellence (DRDO- DIA – COE)
<http://www.drdo.b-u.ac.in/>

Incubation and Technology Transfer Centre (ITTC)
<http://budca.in/ITTC/>

Centre for International Affairs (CIA)
<https://b-u.ac.in/148/about-us-centre-international-affairs>

Centre for Research & Evaluation (CRE)
<https://b-u.ac.in/161/about-centre-research-evaluation>

Bharathiar University Centre for University and Industry Collaboration (BU - CUIC)
<https://b-u.ac.in/142/about-bu-cuic>

Central Instrumentation Centre (CIC)
<https://b-u.ac.in/162/central-instrumentation-centre>

Incubation Forum
<https://b-u.ac.in/163/about-incubation-forum>

Bharathi Elevation Centre (BEC)
<https://b-u.ac.in/164/about-bharati-elevation-center>

6.2.1: The Institutional Strategic Plan is effectively deployed

The strategic plan has been developed in line with the institute's mission for excellence in teaching, research, and innovation. To achieve this, multiple efforts have been taken, such as creation of different centres, utilisation of research grant from different schemes of the government, innovation in teaching and curriculum design, fulfilling infrastructure, etc. The university has a large campus with administrative buildings, academic and research departments, a distance learning directorate, sports grounds (indoor and outdoor), library, guest houses, hostels for men and women, staff quarters, university hospital, canteens, and multipurpose halls.

The state-of-the-art facilities available for faculty members and scholars to nurture a culture of research in cutting-edge areas. Industry infusion into the curriculum is given prominence by involving industry experts - R&D, in the curriculum development as special invitees to the Board of Studies. Academic autonomy to Departments for both curriculum development and Continuous Assessment, with provisions for vetting by experts from industry, R&D, peer-groups, parents and alumni, results in an academic system conducive to students' career development, entrepreneurship, and placement.

University is a partner in the MHRD National Knowledge Network. Through UGC - Infonet, and Inflibnet, a collection of physical and electronic resources is available in the University Library. The University has received 2021 Highest Usage Award for ACS journals among State Universities in South India from ACS Publications and attained the 9th rank among Indian Universities for uploading e-theses (6426 theses) in Shodhganga.

RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA)

RUSA is a Centrally Sponsored Scheme (CSS), of the Government of India through the Ministry of Education, launched in 2013, which aims at providing strategic funding to eligible state higher educational institutions. The central funding (in the ratio of 60:40 for general category States, 90:10 for special

category states and 100% for union territories) would be norm based and outcome dependent. The funding would flow from the central ministry through the state governments/union territories to the State Higher Education Councils before reaching the identified institutions. The funding to States would be made based on critical appraisal of State Higher Education Plans, which would describe each state's strategy to address issues of equity, access, and excellence in higher education.

Under this scheme, Bharathiar University has effectively utilised ₹20 crores in the first phase and has received ₹50 crores in the second phase, out of which ₹35 crores is being utilised for establishing Bharathiar Cancer Therapeutic Research Centre under Research Innovation Scheme, and ₹15 crores is being utilised for establishing Bharathiar Entrepreneurship, Innovation and Career Hub. 193 Research Projects, 232 Training Programmes and 42 Workshops have been conducted through this scheme, benefitting a total of 47,152 students.

DST- Promotion of University Research and Scientific Excellence (PURSE)

DST PURSE is one of the Flagship Infrastructure programs of the Department of Science and Technology. Based on the 'h' index score, Bharathiar University was awarded funds to acquire research facilities, research man-power cost, acquiring research consumables, funds for travel, organising workshops and conferences, as contingencies and maintenance of the facilities. This has helped the University to take enormous efforts to construct the research environment to be more conducive for advanced research and to produce more interdisciplinary and multidisciplinary research.

The several key elements of the strategic strategy include

- Network server with quicker access, more control over firewalls, and massive data transmission was constructed to meet the demands of the employees, faculty, and students.

- In order to create a more responsible and student-friendly learning environment, the infrastructure provided the students with access to high-quality instructional materials via NPTEL, MOOC platforms, and resources at online libraries.

DRDO –BU CENTRE FOR LIFE SCIENCES

In addition to the successful completion of two phases of R&D programmes in collaboration with Defence Research and Development Organisation (DRDO), Bharathiar University has signed a MoU on a long-term basis for 25 years, through which Bharathiar University-DRDO Centre for Life Sciences has achieved the status of DRDO-Industry-Academia Centre of Excellence (DIA-COE). 534 Ph.D. Degrees have been awarded to DRDO personnel so far and 225 Ph.D. have been produced by DRDO Scientists as Research Guides through Bharathiar University.

BU CENTRE FOR INTERNATIONAL AFFAIRS

BU-CIA was established to coordinate the academic affairs related to the admissions and course completion of foreign students in the university departments, affiliated colleges, autonomous institutions, and Research Centres. The centre receives a good number of applications through Study in India(SII), Ministry of Education, and Indian Council for Cultural Relations (ICCR), Ministry of External Affairs, Government of India. Applications are received from the Middle East and African Countries, for Postgraduate, Post Graduate Diploma, and certificate as well as Ph.D. courses. The office aims to pool international students and improve the diversity of learners on campus. Membership in Association of Indian Universities (AIU), Association of Commonwealth Universities (ACU), The German Academic Exchange Service(DAAD), International Council for Open and Distance Education(ICDE), and Shastri Indo Canadian Institute (SICI) is fostering a plethora of International Academic collaborations. Bharathiar University has signed MoUs

with Harvard Business School, Melbourne University, and other Universities, for blended courses and student/faculty exchange programmes.

BU CENTRE FOR RESEARCH AND EVALUATION

CRE plays a pivotal role in making the pursuit of research in Bharathiar University a smooth and confident journey. From the enrolment in M.Phil and Ph.D. Research Programmes till completion of the Viva-Voce, this centre operates in a systematic manner, which has become a boon for the research scholars to pursue their research in a stress-free manner. The centre has made things easier for the Research Supervisors to approach and clarify any queries related to the research programmes and their relevant guidelines. One of its best achievements is the presentation of Thesis Status in the University website, which is yet another benefit for the Research Scholars from far off places. The centre facilitates right from thesis submission to conducting public viva voce examinations through online as well as conventional mode.

CENTRE FOR RESEARCH AND TECHNOLOGY DEVELOPMENT (CRTD)

Bharathiar University occupies a unique position among the academic institutions in the country as a leader in executing a variety of sponsored research projects and industrial consultancy. The uniqueness lies in the wealth of world-class expertise and extensive modern facilities of the institute. A number of initiatives were taken up to play a major role in collaborative research and technology transfer, and one such important initiative is the establishment of the Centre named “Centre for Research and Technology Development (CRTD).”The centre facilitates interaction with national and international agencies, for improved Research and Development activities. It also promotes academia-industry interaction and collaborations with nodal R&D laboratories and also establishes connections between the University and funding agencies.

BU CENTRE FOR UNIVERSITY AND INDUSTRY COLLABORATION

BU-CUIC was established as per the announcement in the Floor of Assembly, Government of Tamil Nadu order no. 5595/H2/2020-1 dated 17.04.2020, and includes the regulations given by the UGC letter no. D.O.No.F.1-14/2015/(CCP-II) dated 29.09.2015 in XII five-year plan.

The primary motto of the centre is to offer placement assistance, training, soft skill development and inviting industries for students' placement. In addition to the above, the centre also offers job oriented / Industry relevant and skill-oriented courses to the students for enhancing the employability of the students and scholars. It offers short term courses, certificate courses, diploma, and PG diploma for students, scholars, faculty and working professionals. These courses are offered by the centre in collaboration of Industries with University departments and Institutions, in the fields of Health / Hospitality / Service Sectors / Government and other need-based sectors.

The collaboration between universities and industry is increasingly perceived as a vehicle to enhance innovation through knowledge exchange. Even though institutions provide necessary knowledge to work in the industry, still the industries feel that the academic knowledge and domain skills are fragmented, and students lack efficient comprehensive training.

Collaborating with universities allows companies to “de-risk” their research. While universities and industry enjoy a symbiotic relationship, society also benefits from a trained workforce answering today's most pressing challenges and creating technology to improve lives.

BU INTELLECTUAL PROPERTY RIGHTS CELL

IPR cell is active in fulfilling its commitment and obligation towards the institution. The prime purpose of its establishment was to spur the productivity of the University in terms of creating intellectual assets through the R&D. To foster quality creation and easy functioning of the innovation

ecosystem, the cell has been organizing brainstorming sessions with its stakeholders from sections of faculty members and students along with technical experts and legal luminaries in the field of IPR. IPR Cell of Bharathiar University provides a platform for all the researchers, students, and industrialists to interact and discuss various breakthroughs, bottlenecks and recent developments in the area of research with particular relevance to creating, managing and monetization of the IP Assets.

Bharathiar University embarks on an entrepreneurial agenda in Promoting & Creating Institutional Innovative Enterprises (Academic Start-ups) by promoting, providing, guiding, directing, facilitating, and fulfilling the essential needs and requirements. Encouraging, enabling, ensuring, enriching, and engaging the stakeholders and human resources, especially the Faculty, Research Scholars and Students create opportunities in order to commercialise and monetise its Knowledge Capital to starting up an enterprise that shall fledge into a sustainable Business Enterprise, which are investable, commercially viable, scalable and sustainable. 8 patents have been granted and 20 patents have been filed, in addition to the 12 copyrights and 2 registered products.

INCUBATION AND TECHNOLOGY TRANSFER CENTRE (ITTC)

Bharathiar University embarks on an entrepreneurial agenda in Promoting & Creating Institutional Innovative Enterprises (Academic Start-ups) by Promoting, Providing, Guiding, Directing, Facilitating and fulfilling the essential needs and requirements. Encouraging, Enabling, Ensuring, Enriching and Engaging the Stake-holders and Human Resources, especially the Faculty, Research Scholars and Students create opportunities in order to commercialise and monetise its Knowledge Capital to starting up an enterprise that shall fledge into a sustainable Business Enterprise, which are investable, commercially viable, scalable and sustainable.

RANKINGS

- The University received an "A" grade from the National Evaluation and Accreditation Council in the third cycle assessment.
- Bharathiar University is ranked by NIRF as the 14th best university in India by 2022 and 22nd overall.
- Bharathiar University was ranked at position 801 in the band of 1000 universities by Times Higher Education in 2021.
- In 2021, the Centre for World University ranked our university at 1623 overall and in 44th place among Indian universities.
- Bharathiar University achieved rankings of 19th among Indian universities and 642nd overall in 2021 according to the UI Green Metric World Ranking.
- Bharathiar University was ranked in the 901–1000 range by Shanghai in the year 2020.

To fulfil the aforementioned goal and reach the top 100 global university rankings, Bharathiar University developed strategies based on the core pillars of academic excellence, research excellence, talent recruitment, and collaborations in order to realise the aforementioned objective and break into the top 100 international university rankings in the next ten years.