

BVRIT HYDERABAD

College of Engineering for Women

NAAC Accredited -A Grade

NBA Accredited EEE, ECE, CSE, IT B.Tech Courses

Approved by AICTE, New Delhi, Affiliated to JNTUH

EAMCET CODE : BVRW

APPROVAL OF INNOVATION AND STARTUP POLICY

The National Innovation and Startup Policy (NISP) for students and faculty members of Higher Education Institutions (HEIs) is a guiding framework to enable the institutes to actively engage students, faculty members and staff in innovation and entrepreneurship related activities. In this regard, BVRIT HYDERABAD College of Engineering for Women (BVRITH) laid down as follows

- BVRITH fosters Strategies & Governance for promoting Innovation & Entrepreneurship.
- Creating Innovation pipeline and pathways for young Women entrepreneurs
- Special labs are established like Assistive Technology, Drone Lab and IoT Maker Space Lab for encouraging innovation and creativity for societal well-being.
- Students are permitted to use the facilities / components of ATL & IoT labs free of cost.
- Full fledged faculty mentoring will be provided to all the students.
- Appreciation in terms of cash prizes for students winning in various hackathon (s) / events will act as incentive to develop the Innovativeness.
- Sessions with industry experts and internal training will be provided to enhance the Innovation, Entrepreneurial Mindset among the students.
- Support in patent filing and IPR related activities will be provided.
- Incubation facility for converting the idea(s) into the Minimum Viable Product.
- Pedagogy and learning interventions for supporting innovation and start-up.
- Provision of Infrastructure at minimal cost in the campus for start –up.

The college has the “BVRITH - Innovation and Startup Policy” which has been approved by the committee of experts.



Dr. K V N Sunitha
Principal, BVRITH

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BVRITH - INNOVATION AND STARTUP POLICY

BVRIT HYDERABAD College of Engineering for Women (BVRITH) is the one of the top educational Women's College in the Telangana State. BVRITH has a vibrant and dynamic Institute Innovation Cell (IIC) with Ideation and other cells as its pillars. BVRITH is dedicated to promote innovation and entrepreneurship to convert the students and faculty innovative ideas/problems to tech-solution, society with a feasible business model stage.

The IIC has been organizing various events to encourage students and faculty of the institute in various domains in connecting with design thinking, innovation, ideation and incubation. The students and faculty are encouraged to find tech solutions for the problems from Industry, Society, and Market to generate Ideas/Proof of Concepts (PoCs) and helping them to get converted to prototypes and mentor them to develop business models ready.

Therefore, creating a strong pipeline of quality and quantity tech based potential start-ups for incubators industry to take further from students, faculty and alumni of the college.

The BVRITH will have a foresighted thinking in all prospects among all other engineering colleges and thus it is initiated the start-up ecosystem in the college. The college support for faculty and student's startups by providing all the necessities as per the National Innovation and startup policy 2019 for students and faculty guidelines as minimum of 1% of the total budget should be used for startup cell activities in the college.

The ATAL Ranking of Institutions on Innovation Achievements (ARIIA) ranking (2021) has 70% of marks to promote Innovation, Entrepreneurship and Start-up and it is clearly states the importance of ED Cell in the college. BVRIT HYDERABAD College of Engineering for Women has established the Entrepreneurship Development Cell, Vishnu Startup Accelerator Center for Women (V-SAW), which helps the college in obtaining good rank in NIRF and NBA as there is a good weightage in the domains of patents filed, patents granted, consultancy and industry collaboration.

VISION:

To emerge as the best among the institutes of technology and research in the country dedicated to the cause of promoting quality technical education.

MISSION:

At BVRITH, we strive to

- Achieve academic excellence through innovative learning practices.
- Enhance intellectual ability and technical competency for a successful career.
- Encourage research and innovation.
- Nurture students towards holistic development with emphasis on leadership skills. life skills and human values.

CORE VALUES:

- Holistic development
- Excellence in Education
- Women empowerment
- Integrity
- Social responsibility
- Accountability and Transparency
- Freedom of Expression Vision

SHORT TERM OBJECTIVES:

1. To help students to prototype the ideas.
2. To improve creativity, innovation and design thinking among students.
3. To provide Incubation facility for faculty driven start-up and student/Alumni start-up.
4. To organize FDPs, seminars and workshops, distinguish talks for students, faculty members and alumni and promote entrepreneurial culture.
5. To strengthen the institute industry interaction activity and effectively use the outcomes for achieving the mission.

LONG TERM OBJECTIVES:

1. To Associate with DST, CII, MSME and other academic institutions for giving world class facilities in Research.
2. To improve quality of research work among students and to attain patent which can be helpful for commercial use in production.
3. To Provide a platform for students to develop innovative products with global recognition and generate business opportunities.
4. To Generate revenues through consultancy work and student start-ups.

SCOPE AND IMPORTANCE OF ESTABLISHING THE START-UP POLICY:

The start-up cell may have the impact on the various evaluation systems such as NIRF, AICTE, MHRD – MIC norms, ARIIA and NBA and the brief details are presented below for your kind information.

1. NIRF:

- Research and Professional Practice (RP)
- IPR and Patents: Published and Granted (IPR)
- Footprint of Projects and Professional Practice (FPPP)

2. AICTE and MHRD Norms:

Investment in the entrepreneurial activities should be a part of the institutional financial strategy. Minimum 1% fund of the total annual budget of the institution should be allocated for funding and supporting innovation and startups related activities through creation of separate 'Innovation fund'.

The Institute Innovation Cell (IIC) has been organizing various events in connection with MHRD-IIC and in addition to that the institute may initiate the startup cell to promote the incubation and enhance innovation culture in the institute.

3. ARIIA - Atal Ranking of Institutions on Innovation Achievements – 2021

This ranking totally focuses on Innovation, Entrepreneurship and IP

4. NBA – Research and Development (75)

- Sponsored research (20)
- Development activities (15)
- Consultancy from industry (20)

5. IT & Entrepreneurship @ College level (Telangana State - THUB)

1.1 Students, Innovators and Entrepreneurs

a. Student Entrepreneur in Residence - Universities shall be encouraged to introduce the concept of Student Entrepreneur in Residence. Outstanding students who wish to pursue entrepreneurship can take a break of one year, after the first year, to pursue entrepreneurship full time. This may be extended to two years at the most and these two years would not be counted towards the maximum time for graduation. The Gap Year facility may be given to ensure syllabus continuity at the time of joining back and after an appraisal process by an incubator where the student is attached.

b. IT & Entrepreneurship @ College level I. All Universities in Telangana shall be encouraged to grant 5% grace marks and 20% attendance every semester for student Startup teams. Guidelines for the same shall be framed in consultation with the institutions.

Faculty Member / Student Start-Up may have the following Contents in the Policy:

1. Kind of company
2. Capital support
3. Other support from the institute
4. Financial sharing with start-up
5. IPR
6. Loan amount recovery
7. Role of Faculty
8. Methodology

1. Kind of Company:

(a) Companies jointly owned by the faculty members and graduating students/alumni (along with possibly others)

(b) Companies owned by the faculty members (one or many) along with possibly others. (c) Companies owned by the graduating students, alumni along with possibly others.

2. Capital support:

The faculty / student start-up may have its own funding and accounting procedures in line with the prevailing statutory norms. The faculty/student may apply for various funding sources with institute support. The institute may support for funding based on the IIC committee decision and as per the funding support provided the institute contribution in the company may be decided.

3. Other Support from the Institute:

The faculty / student start-up may utilize the necessary facilities such as office, operational space, permission to use laboratories, workshop facilities and equipment, business management advice, networking support, mentoring, seed-fund when possible, monitoring.

4. Financial Sharing with Start-up:

The faculty/student start-up may utilize the financial support from the institute and the institute may have 1 to 6% share in the start-up. The IIC committee will review the quarterly financial report of the start-up. The Institute will have the right to liquidate the shares after 5 years of the start-up with the decision from the start-up. The shares price may be evaluated on mutual basis or price calculated by experts.

Case 1: If the institute provides only necessary support without any financial assistance in seed and capital at the outside of the institute premises, the institute share is 1% of net earnings of the start-up.

Case 2: If the institute provides the necessary support at the institute premise without financial assistance, the institute share is 2% of the net earnings of the start-up.

Case 3: If the institute provides the necessary funds at outside of the organization the distribution of net earnings as given below:

S. No	Total Net Earnings	Percentage (up to 2.5 Lakh)	Percentage (2.5-5 Lakh)	Percentage (5-10 Lakh)	Percentage (10 Lakh)
1.	Not exceeding 10 Lakhs	5%	6%	7%	8%
2.	Above 10 Lakhs Less than 25 Lakhs	6%	7%	8%	9%
3.	Above 25 Lakhs Less than 50 Lakhs	7%	8%	9%	10%
4.	Above 50 Lakhs Less than 1 Crore	8%	9%	10%	11%
5.	Above 1 crore	9%	10%	11%	12%

Case 4: If the institute provides the necessary funds at outside of the organization the distribution of net earnings as given below

S.No	Total net earnings	Percentage (up to 2.5 lakhs)	Percentage (2.5-5 lakhs)	Percentage (5-10lakhs)	Percentage (10lakhs)
1.	Not exceeding 10 Lakhs	7%	8%	9%	10%
2.	Above 10 Lakhs Less than 25 Lakhs	8%	9%	10%	11%
3.	Above 25 Lakhs Less than 50 Lakhs	9%	10%	11%	12%
4.	Above 50 Lakhs Less than 1 Crore	10%	11%	12%	13%
5.	Above 1 crore	12%	13%	14%	15%

Intellectual Property Rights (IPR):

The institute faculty/students may use an IPR filed / granted with institute affiliation in start-up. If the start-up may file new patent in the relevance of institute existing IPR, the prior permission and license agreement may be required.

1. Loan Amount Recovery:

The institute may support initial seed money for a start-up. The seed money may be recovered based on the progress of the start-up. The IIC will review the financial status quarterly of a start-up. The IIC committee will decide the recovery of loan amount based on the start-up performance. The interest on seed money may be waived for the first year and the repayment of seed money may be initiated after 18 months (from loan amount receiving date) and the simple interest rate may be used for calculation.

2. Role of Faculty:

The faculty/ student is expected that the faculty members would be owners of such companies and be a Director on the Board. Also, the faculty member may choose to play an operational role (Technical Advisor, CEO, Marketing Manager etc).

- The faculty/student can work in start-up two days in a week
- The faculty/student can work after the college time
- The faculty can take sabbatical leave and work full-time in the start-up
- The faculty can take EOL and work full-time in the start-up
- The faculty member is expected to complete all his responsibilities on time
- The students can have an attendance exception to 15 % and below 60% is not permissible.

3. Methodology:

A Company will necessarily be required to be incubated in the Institute. However, in exceptional cases, the institute may allow a faculty member to open/operate/incubate the Company outside the institute if sufficient justification is provided.

Norms:

Component	Functionality
1. Kind of company	Faculty Member / student
2. Capital support	Seed funding (0 to 10 lakhs)
3. Other support from the institute	All institute facilities, labs, testing and etc
4. Financial sharing with start-up	The faculty/student start-up may utilize the financial support from the institute and the institute may have 1 to 6% share in the start-up.

5.IPR	The institute affiliated patent may be used for start-up. For similar kind of patent application, the institute permission is required. For new patent the start-up will have full rights.
6.Loan amount recovery	First year no interest. After 18 months from the date of first disbursement of loan with simple interest.
7.Role of Faculty	Director on the Board, Technical Advisor, CEO, Marketing Manager etc. Weekly two days, off time, EOL, sabbatical leave
8.Methodology	A Company will necessarily be required to be incubated in the Institute. However, in exceptional cases, the institute may allow a faculty member to open/operate/incubate the Company outside the institute if sufficient justification is provided.

For staff and faculty, institute would take no-more than 20% of shares that staff / faculty takes while drawing full salary from the institution; however, this share will be within the 9.5% cap of company shares, listed above.

BVRIT HYDERABAD INNOVATION AND STARTUP POLICY COMMITTEE:

1. Principal
2. IIC President
3. NISP Co-ordinator
4. Innovation Activity Co-ordinator
5. IPR Activity Co-ordinator
6. NIRF Co-ordinator

Upon review of the institute evaluation committee the idea will be evaluated at society level and decision will be taken for further processing.


Society Level Evaluation Committee:

1. Chairman
2. Vice Chairman
3. Principal
4. IIC President
5. IIC Convenor
6. EDC, V-SAW In-charge
7. Department HOD

NISP Implementation Committee:

A committee has been formed by identifying the experts having expertise and experience in the domain of innovation, IPR and startup to start the work of policy formation and implementation of guidelines at BVRITH.

S. No	Name of the Faculty Member	Designation	E-Mail ID
1.	Dr. K. V. N. Sunitha	Principal of the College & IIC President	principal@bvrithyderabad.edu.in
2.	Dr. S. Kalyan	NISP College Co-ordinator	kalyan.s@bvrithyderabad.edu.in
3.	Mr.S.Jagapathi Reddy	Member (NIRF Co-ordinator)	jpreddy.s@bvrithyderabad.edu.in
4.	Dr. G. Naga Satish	Member (IPR Activity Co-ordinator)	nagasatish.g@bvrithyderabad.edu.in
5.	Mr. R. Priyakanth	Member (Innovation & Activity Co-ordinator)	priyakanth.r@bvrithyderabad.edu.in


Dr. K.V.N Sunitha
Principal, BVRITH

Copy to:

- Principal office, HoDs
- IIC-Convenor
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