

Major instruments Facilities:

- ✓ Laminar Air Flow (Asian Scientific Industries)
 - ✓ Biosafety Cabinet (Esco Biotech)
 - ✓ Refrigerated Centrifuge (REMI, Eppendorf)
 - ✓ Incubator Shaker (Asian Scientific Industries, REMI)
 - ✓ Incubators (Asian Scientific Industries, REMI)
 - ✓ BOD Incubator (REMI)
 - ✓ Refrigerators (Samsung, LG)
 - ✓ 4°C Cold Room
 - ✓ - 20°C Cold Room
 - ✓ - 80°C Refrigerator
 - ✓ Thermocycler (Lab India)
 - ✓ Gel Documentation System (Bio Rad Laboratories)
 - ✓ UV-Visible Spectrophotometer (Shimadzu)
 - ✓ Microscope (Magnus)
 - ✓ Inverted Microscope
 - ✓ CO 2 Incubator (Esco Biotech)
 - ✓ Clone Zone
 - ✓ Qiacube automated DNA extraction (Qiagen)
 - ✓ Tissue Lyzer 1 (Qiagen)
 - ✓ Qiaexpert (Qiagen)
 - ✓ Real time PCR Thermocycler (Qiagen)
 - ✓ Qubit 2.0 (Invitrogen)
 - ✓ FPLC PROTEIN PURIFICATION()
- ✓ GC-MS (Agilent)
 - ✓ HPLC (Agilent)
 - ✓ MPAES (Agilent)
 - ✓ Lyophilizer
 - ✓ Sonicator
 - ✓ Flash Chromatography system (Yamazen)
 - ✓ Oven (Equitron)
 - ✓ Microwave
 - ✓ Dry bath
 - ✓ Rocker
 - ✓ pH meter (Elico)
 - ✓ Weighing Balance (Shimadzu)
 - ✓ COD digester
 - ✓ Autoclave (Equitron)
 - ✓ Colony counter
 - ✓ Agarose Electrophoresis (Genei)
 - ✓ Native/SDS Page (Bio Rad Laboratories)
 - ✓ Western Blotting (Bio Rad Laboratories)
 - ✓ Southern Blotting (Genei)
 - ✓ UV transilluminator
 - ✓ Rotary Evaporator
 - ✓ ELISA Microplate Reader (Thermofisher)
- Heating plate
 - ✓ Hydrogenator
 - ✓ Microwave synthesizer
 - ✓ Parallel Synthesizer
 - ✓ Needle cutter
 - ✓ FT-IR
 - ✓ EIA Quant (Meril Diagnostics)
 - ✓ ESR Quant (Meril Diagnostics)
- ✓ ClotQuant2 (Meril Diagnostics)
 - ✓ CliniQuant (Meril Diagnostics)
 - ✓ AutoQuant100 (Meril Diagnostics)
 - ✓ CelQuant 3 prime (Meril Diagnostics)
 - ✓ Titration system (Karl Fisher)
 - ✓ Distillation Unit
 - ✓ Milli Q Water System
- ✓ Soxhlet Apparatus
 - ✓ Vortex (Genei)
 - ✓ Magnetic Stirrer
 - ✓ Water bath (Equitron)
 - ✓ Chiller
 - ✓ Mini Centrifuge

POINT OF CONTACT



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Preamble

ATMIYA University – (“सुहृदं सर्वभूतानाम्”) a 21st Century spiritual- educational commune is spread over 23.5 acres of land. It is managed by the Sponsoring Society, Viz. Sarvodaya Kelavani Samaj, Rajkot.

This Society also runs educational institutions ranging from KG to PG as well as Research in the contemporary areas of Science, Pharmacy, Technology, Commerce, Economics, Management, Humanities & Social Sciences, in Rajkot - Gujarat. Atmiya University has well developed Entrepreneurship Development Cell EDC, having collaboration with various state and national agencies such as Student Startup and Innovation Policy SSIP supported by Gujarat knowledge society, Govt. of Gujarat Ministry of MSME, Govt. of India NSIC Industries Commissionerate CED GIDC. Additionally, we have institutional SSIP committee and IPR scrutinee committee which supports students for funding opportunities and IPR and mentors them for prototype development.

About E-Yuva Center

Atmiya University's E-YUVA Centre is created for fostering innovation by supporting & promoting startups and providing an ecosystem for their growth by Incubating in the Center. The Center was established in June 2021. The Center is supported by Biotechnology Industry Research Assistance Council (BIRAC) under Department of Biotechnology India. The Center is actively involved in developing the paradigm of entrepreneurial mindset & environment of ideating, creating and commercializing the ventures at the institute or any other startups aligned to the core theme of center. The center promotes a conducive environment for all the potential innovators / startups for pursuing a hassle - free development and commercial exploitation of the innovative ideas.

Objectives:

i.) Facilitate innovators and startups to address the challenges through access to modern product development / testing facilities, work spaces, mentoring, funding, business and team development support.

ii.) Evangelize entrepreneurship and more particularly innovation led venture creation

iii.) Provide a comprehensive single window reference system for all Business Incubation related issues and;

iv.) Provide a clear understanding of the rights and responsibilities of the beneficiaries / Prospective users of Center's services and protect the interests of its members

v.) Shape an important hub of innovation and startups in this region through dissemination of the benefits of startups supported to the community and society;

Eligibility

The scheme provides support under the following two categories:

1) BIRAC's Innovation Fellows (for Postgraduates and above)

✓ Post-Doctoral Fellow:
Ph.D in any field of science within 2 years of completion of degree (females are exempted)
Fellowship of INR 50,000 per month & INR 5,00,000 per year Research Grant

✓ Post Graduate Fellow:
Masters/B.Tech/ B.Pharm/B.E in any field of science within 3 years of completion of degree (females are exempted)
Fellowship of INR 30,000 per month & INR 3,00,000 per year Research Grant

Fellows to work full time at EYC

2) BIRAC's E-Yuva Fellows (for Undergraduate students)

- ✓ A team of upto 5 Indian students pursuing graduation
- ✓ Team should be supported by a mentor
- ✓ One student as Team Representative (TR)
- ✓ Guided by a single mentor.
- ✓ Quarterly Stipend: INR 7,500 per quarter per student
- ✓ Annual research grant: INR 2,50,000 per team

Infrastructure:



Research Lab
2090.23 Sq.ft



Genetic Engineering
Lab



Instrumentation Lab
1730 Sq.ft



Preparation Room
817.32 Sq.ft.



Ascetic Room
3.86 X 3.07



Instrumentation Lab
817.32 Sq.ft



Plant Tissue Culture
3.86 X 5.13



Animal Tissue Culture
4.81 X 7.88



Cold Room

Services

Atmiya University's E-YUVA Center provides common infrastructure to all fellows like Photocopying machine, Document Scanner, Library Access, Internet, Meeting room and fellows also facilitate University's infrastructures as per norms of university. The Mentoring, IPR support and Advisory support are also beneficials to center fellow.