



VISHWA-SWAPN

Incubation Center

Dream to win wo

HOST INSTITUTE BY MINISTRY OF MSME, GOVT OF INDIA

VISHWA-SWAPN

Visionary Innovation Synergy Hub
for Workforce Advancement and
Startup Workspace Acceleration
Platform Network

ABOUT VISHWA-SWAPN

Bharati Vidyapeeth (Deemed to be University) College of Engineering in Pune (BVDUCEP), a constituent unit of Bharati Vidyapeeth (Deemed to be University), was established in 1983. BVDUCEP has been a pioneer in nurturing innovation and entrepreneurship, providing a platform for students and faculty to realize their full potential.

VISHWA-SWAPN embodies a holistic approach to nurturing startups. It is a place where visionary ideas are cultivated through innovative thinking and collaborative synergy. The center advances the workforce by equipping them with essential skills and provides startups with a supportive workspace. Through its acceleration platform, it offers resources and mentorship to speed up growth, all while connecting startups to a vast network of industry professionals. This comprehensive ecosystem is designed to transform visionary concepts into successful, market-ready ventures.

Vision: To be a global epicenter fostering innovation and entrepreneurship, transforming visionary ideas into impactful technology-based business, that drive economic growth and societal impact.

Mission: To build a dynamic ecosystem to empower students, faculty, alumni, and industry to co-create innovative solutions for social well-being.

Objectives:

- Build partnerships with industry, academia, and government to create a supportive network
- Organize workshops and training programs on entrepreneurship, business development, and technology commercialization
- Accelerate the growth of incubated startups through funding opportunities and investor connections.
- Commercialization of the patents granted into business model to meet customer need.

INCUBATION COMMITTEE MEMBERS

- Dr. Vidula Sohoni: Chairman
- Dr. Sachin Chavan: In charge VISHWA-SWAPNA Incubation
- Dr. Sunita Jadhav: Research Head
- Dr. Sunita Dhotre: In charge IIC
- Prof. Sonali Mali: Coordinator NISP
- Dr. Sudhir Kadam: In charge EDC and Start-Up IIC
- Dr. Priyanka Paygude: In Charge IPR Cell IIC
- Dr. Mangal Patil: In charge Innovation Cell IIC
- Dr. D.G. Kumbhar: In charge ARIIA
- Prof. S. Lembhe: In charge Internship IIC
- Prof. Gajanan V. Bhole: Innovation Ambassador , In charge Media

ADVISORY BOARD

- Dr. Atul Ayare, CEO, Innovation, Incubation and Startup BVDU
- Dr. Pravin Patil, Director, Academic and Administration BVDU
- Dr. A.C. Mishra, Director, IRSHA BVDU
- Dr. Varsha Pokharkar Director, R&D, BVDU
- Dr. Mandar Karmarkar, Principal, Bharati Vidyapeeth (Deemed to be University) Medical College, Pune.
- Dr. Atmaram Pawar, Principal, Bharati Vidyapeeth (Deemed to be University) Poona College of Pharmacy , Pune.
- Dr. Ujwala Bendale, Principal, Bharati Vidyapeeth (Deemed to be University) Law College, Pune.
- Dr. Shamim Shaikh, Principal, Rajiv Gandhi Institute of Information Technology and Biotechnology, Pune
- Dr. Shamita Kumar, Principal, Bharati Vidyapeeth Deemed University, Institute of Environment Education and Research, Pune.

ENTREPRENEURSHIP ECOSYSTEM

- **Institution Innovation Council (IIC)** was established Under Ministry of Human Resource Development (MHRD) at various institutes of BVP. Thus, offering proper guidance to students and faculties intending their way to innovation and startup.
- **Registration of a corporation and filings:** The institute's Entrepreneurship Development Cell (EDC) and Star-up cell provides comprehensive services for the registration and filing of a corporation.
- **Accountancy Programs:** In an institute's EDC, may offer accountancy programs that equip aspiring entrepreneurs with the necessary financial skills and knowledge.
- **Filings for Intellectual Property:** The IPR cell and Research and Development(R&D) cell at the institute provides comprehensive intellectual property (IP) support to startups.

INFRASTRUCTURE AND FACILITIES

- Co working space



- Mentorship



- IP Support



- Financial Aid



- Networking Events



- Software Tools



LIST OF MENTORS:

FROM INDUSTRY :

1. Mr. Upendra Paluri, Director, Tesin Green Energy Private Limited, Pune
2. Mr. Nitin Salunke, CEO, Gizmo.
3. Mr. Santosh Ostwal, CEO & Founder Director, Ossian Agro Automation Pvt. Ltd., Pune,
4. Rajesh Palampalle, Visionvista Design Solution, Pune
5. Shubham Rastogi, Recro(Recrosoft Technologies Pvt Ltd), Bengaluru.
6. Abhishek Ballabh, ExtraaEdge, Pune
7. Mr. Narendra Bothara, Proprietor, Param Sales, Pune.
8. Mr. Ajit Gijare, Designation: Proprietor, Ajit Gijare & Associates, Pune.
9. Dr. Hemant B Dhonde, Designation: Director, C-Probe Technologies LLP, Pune
10. Mr. Chandrakant Lokulwar, Wipro- Pari Robotics Pune.
11. Nitin Gole, Sterling Solutions, A302, Aishwaryam Ventures, Near Khandoba Mandir, Chinchwad Pune 411019.
12. Mr. Dadasaheb Attar, Perfect Robotics , Chikhali, Pune.
- 13.13. Unmesh Jagtap, Precision Machined Components & Assemblies, NIBM Undri Road, Kondhawa, Pune.
14. Yogesh M. Sheth, Anant Defence Systems Pvt Ltd., Plot No A3 MIDC Khandal Dist Satatra.

15. Dr. Sandesh Deshmukh,,R & D Engineer III, Kraton Corporation Ltd, Pune
16. Dr. Nitin Deshmukh, Lead Scientist (Technology), Grasim Industries Ltd., Mumbai
17. Ms. Kalyani Murumkar, CEO, Virtue Infotek, Pune
18. Mr. Sandeep Khandelwal, Senior Engineering Architect, Microsoft ,Pune
19. Mr. Devendra Akolkar, Founder & CTO, IAMSECVISION, Pune
20. Rahul Saraf- BMW Innovation Pvt. Ltd.Mumbai

FROM RESEARCH AND DEVELOPMENT ORGANISATIONS:

1. Shweta Uttam, Chief Executive Officer, AIC IISER Pune SEED Foundation.
2. Mrs. Pranjal L. Londhe, Assistant Research Officer, CWPRS, Pune.
3. Mr. Bilal Ahmed, CWPRS, Pune
4. Parag Chaudhari(Alumni), Sr. Scientist, DRDO, Alandi, Pune
5. Sagar Bhutada(Alumni), Research And Development Department, Electrical Research and Development Association(ERDA),
6. Dr. Sanjay Kamble, Principal Scientist, National Chemical Laboratory, Pune- 08
7. Dr. Shashank Gaikwad, Principal Scientist, National Chemical Laboratory, Pune- 08
8. Dr. Aditya Sinha C-DAC director Patna.

FROM ACADEMIC INSTITUTIONS

1. Dr. Shailesh Kulkarni, Dean Outreach and Industry relations, Professor in E&TC, VIT, Pune.
2. Dr. Amit Kumar, NIT Srinagar.
3. Dr. Sameer S Shastri, HoD & Professor, SCoE, Pune.
4. Dr. Sachin Pawar, Professor, Mechanical Engg. MIT ADT
5. Dr. Chandrakant N Thombare, HoD, CWIT, Pune.
6. Dr. R R Ghorpade, Mechanical Engg. MIT WPU
7. Kunwar Aditya (Alumni), Department of Electrical Engineering, IIT Jodhpur.
8. Dr. Manoj R. Tarambale (Alumni), Principal, Pune Vidhyarthi Griha's College of Engineering and Technology Parvati, Pune.
9. Prof. S. R. Satpute, Professor, Department of Chemical Engineering, Vishwakarma Institute of Technology, Bibwewadi, Pune.
10. Prof. M. Y. Naniwadekar, Associate Professor, All India Shri Shivaji Memorial Society's college of Engineering, Kennedy Road, Near R.T.O., Pune
11. Dr. Devesh Jinawala, Associate Professor, Dept of Computer Science, SVNIT, Surat.
12. Dr. S. Sudha Professor, NIT Tiruchinapalli, Tanilnadu

FROM BVDU

1. Dr. Abhijit Patil, Principal, BVDU College of Ayurved
2. Dr. Rajesh Kshirsagar, Principal, BVDU College of Dental
3. Prof. Swati Bhise, Principal, Physiotherapy College, BVDU.
4. Prof. Anita Patil, Dean Faculty, BVDU Homoeopathic Medical College, Pune.
5. Dr. Sanjay Patil, Professor, BVDU Medical College, Pune

FROM BVDU COEP

1. Dr. Suhas Pati, Dean faculty of Engineering
2. Dr. Shashank Joshi, Head, Professor Department of Computer Engineering
3. Dr. Sandeep Vanjale, Department of Computer Engineering
4. Dr. Rajesh Jadhav, Head, Department of Civil Engineering
5. Dr. Bindu Garg, Head, Department of Computer Science and Business System.
6. Dr. Arundhati Shinde, Head, Department of Electronics and Communication Engineering
7. Dr. P.V. Chavan, Head, Department of Chemical Engineering
8. Dr. D.S. Bankar, Head, Department of Electrical and Computer Engineering
9. Dr. K.B.Sutar, Head, Department of Mechanical Engineering
10. Dr. S K Oza, Head, Department of Electronics and Telecommunication Engineering
11. Dr. Rajesh Ghongade, Department of Electronics and Telecommunication Engineering
12. Dr. P.R.Devale, Professor, Department of Information Technology.
13. Dr. .Ayalasomayajula Prabhakar L. Professor Department of Electronics and Telecommunication Engineering
14. Dr. Kulkarni Anand Dattaray, Professor Department of Chemical Engineering

INFRASTRUCTURE FACILITIES

- **Central Workshop**
- **Central Computing Facility**
- **Research laboratories with major Equipment:**
 1. **Multiphase Reaction Engineering Laboratory:** Hot Air Oven system, Reactor assembly with oil bath, Solid liquid circulation fluidized bed, Auto- fermentor, Laminar flow system, Solid liquid fluidized bed, Hydrodynamic cavitation set-up, COD measurement system
 2. **Membrane Separation and Technology Laboratory :** Membrane Casting System, Membrane analysis System, Distillation Unit, Vacuum Oven system, Hot Air Oven system, Reactor assembly with oil bath.
 3. **Advanced Robotics Laboratory:** MITSUBISHI Industrial Robot, Logistic BOT.
 4. **Testing of Materials Laboratory:** UTM, CTM, Torsion, Impact Testing Machine
 5. **Fluid Mechanics & Hydraulics Machinery Laboratory:** Tilting Flume, Wind Tunnel, Pump Testing.
 6. **Advanced Communication Laboratory:** Major Equipment's: RF Signal Generator, 9 MHz – 3 GHz, RF Spectrum Analyzer, Vector Network Analyzer.
 7. **Nano-composite Laboratory:** Electrospinning Setup, VARTM Setup, FTIR, Atomic Force Microscope, Particle Size Analyzer
 8. **Energy Research Laboratory:** Complete steam power plant(1KW output capacity), AC Servo Drive Module – Type No. Uni-drive M7003 Phase AC 220V, 50Hz, Servo Motor with Multi Turn Encoder Rated Torque 1.48 NM.

9. Advanced Manufacturing Laboratory: Flexible Manufacturing System, Welding Application- Integration of Welding Torch with Robot, Automatic CNC Lathe Machine.

10. Digital Manufacturing Laboratory: PLC Based Electro-Pneumatic Sorting System to sort different types of metallic & non-metallic objects, 3D Co-ordinate Measuring Machine (Computerised), Tutor.500x500x400, Joy stick control, reinshaw Probing System, Sorting of object based on Vision based AI & ML application for different Color (Minimum 6) and 2 Shape.

11. Electrical Machines Laboratory: 0.75 KV AC High voltage Test Set With All Control Gears-Control Panel With Automatic Tripping Arrangement, 0-60 KV Transformer oil Test Kit With Standard Oil Cell, Simulation of Long, Transmission Line Model, 150 KV, 5 Stage, 225 Joule Impulse Generator

12. Power System & High Voltage Laboratory: Corona Cage Experimental Set-Up, Horn, Gap Arrestor Apparatus, 200 Mega Hertz, 4 Channel DSO, Capacitance & Tan Delta, 400 KV Transmission Line Model.

13. Electronic Instruments and Measurement Laboratory: Logic analyzer, Spectrum , Analyzer, Vector network Analyzer, Mixed signal oscilloscope, Distortion power , factor meter, Digital Storage Oscilloscope, CRT based curve Tracer, LCR Q meter, Dual Scope oscilloscope, Universal Counter, Function generator 2 MHz, True rms meter DMM.

14. Advanced Communication Laboratory: RF Signal Generator, 9 MHz – 3 GHz RF Spectrum Analyzer, Vector Network Analyzer.

15. AR-VR Laboratory.

16. High Performance Computing Laboratory.

START-UPS

Sr. No	Name of Product	Name of Startup	Name of Founder	Name of Mentor	Department
MSME Supported					
1.	ProRMV2000: Low-cost hot mix based Road maintenance machine.	Progenius Pavement Solution Private Limited (PotholeWala)	Aniket Dandge	Dr. Archana Tanawade, Rajesh Palampalle	MSME
Existing Startups					
2.	Healthcare support technology company	Dr. Dude Private Limited	Mr.Kumar Unayan	Dr. D.S. Bankar	ELEC
3.	Generation of electricity by Solar PV Plates	AIMS TECH ENGINEERING	Jayesh yadav	Dr. Sudhir Kadam	ECE
4.	Agricultural products and fertilizer	PSUS-Cane Booster	Mr. Shrikant Mandake	Prof. Prasad D Kadam	E & TC
Proposed Start-Ups					
5	Recovery of heavy metals and other components from effluent for industrial and domestic water purification	Pure-water	Dr. Sachin Chavan and Dr. Yogesh Chendake	Dr. Sachin Chavan and Dr. Yogesh Chendake	Mechanical- Chemical Engineering
6	A Smart Atmospheric Water generator	VAYUJAL	Rajesh Singh Abhinav Yadav	Dr. Sudhir Kadam	E & TC
7	Handheld device for billing and inventory management	Handheld device for billing and inventory 5	Ashutosh Seth	Prof. Namita Shinde	E & TC

Proposed Start-Ups

Sr. No	Name of Product	Name of Startup	Name of Founder	Name of Mentor	Department
8	FWCMRS	FWCMRS	Parth Shukla and Sakshi Singh	Dr. Arundhati Shinde	ECE
9	Continuous passive motion machine for elbow rehabilitation	Continuous passive motion machine for elbow rehabilitation	Raaghav Bhyana, Atharva Kulkarni and Abhishek Kushwaha	Prof. M.K Beldar and Prof. R.S Lavate and Prof. Swati Bhise	Robotics and Automation
10	Photography and Cinematography Club	Clixzy	Yash Bharadwaj, Shreesh Kulkarni	Prof. Gajanan Bhole	BVDUCOEP
11	Membrane treatment for recovery of alkali	Text-clean	Prajwal Ranaware	Dr Sachin chavan And Dr. Yogesh Chendake	Mechanical and Chemical Engineering
12	Design and development of Smart heat pump system for domestic application	SHPWH	Mr. Joel Philip	Dr. D G Kumbhar and Dr K B Sutar	Mechanical Engineering

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Contact Us:

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