



ARIIA

ATAL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS

(/DSP/Dashboard)



MoE
Ministry of Education
Government of India

सत्यमेव जयते

Full Report

BHARATI VIDYAPEETH COLLEGE OF ENGINEERING, NAVI MUMBAI [ARI-C-33566]

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List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Stude Benif Stren (2019)
1	Chemical Engineering	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	202
2	Computer Engineering	Academic Department with lab facility	Computer Engineering	UG / PG / PhD	Technical	216

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Stude Benif Stren (2019)
3	Electronics and Telecommunication Engineering	Academic Department with lab facility	Electronics and Telecommunication Engineering	UG / PG / PhD	Technical	382
4	Information Technology	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	215
5	Instrumentation Engineering	Academic Department with lab facility	Instrumentation Engineering	UG / PG / PhD	Technical	194
6	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	431
7	Applied Science	Academic Department with lab facility	Applied Science	UG / PG / PhD	Technical	368
8	Workshop	Academic Department with lab facility	Workshop	UG / PG / PhD	Technical	505
9	Entrepreneurship Cell	Pre-incubation unit	Awareness and Pre Incubation	UG / PG / PhD	Both	132
10	Pre-Incubation Center	Incubation Unit	Incubation Support	UG / PG / PhD	Both	5
11	R and D Cell	Research Unit / Park	Research & Development	UG / PG / PhD	Technical	400

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Stude Benif Stren (2019)
12	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	IPR	UG / PG / PhD	Technical	9
13	M and M Center of Excellence	Centre of Excellence with Advance Tools & Equipment	Center of Excellence	UG / PG / PhD	Technical	132
14	IIIC	Industry Institute Interface Unit	Industry institute Interaction	UG / PG / PhD	Technical	60

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IC201810555
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required

Programs/Initiatives	Status	Registration ID
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

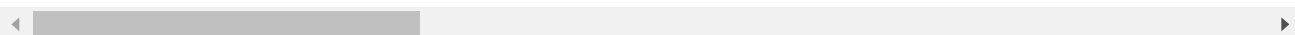
Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Event/Activity (Full Name)	Event/Activity Theme	Event/Activity Type	Event/Activity Category	Event/A Level
1	IPR	IPR	Awareness	Institute Lead Activity	State

Srno	Name of Event/Activity (Full Name)	Event/Activity Theme	Event/Activity Type	Event/Activity Category	Event/A Level
2	Seminar on "Global trends in process design engineering"	Entrepreneurship/Startup	Awareness	Institute Lead Activity	State
3	Workshop on Entrepreneurship Awareness	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	State
4	Prototype Exhibition	Entrepreneurship/Startup	Demo Day	Institute Lead Activity	National

Srno	Name of Event/Activity (Full Name)	Event/Activity Theme	Event/Activity Type	Event/Activity Category	Event/A Level
5	Smart India Hackathon (Internal- Idea competition)	Entrepreneurship/Startup	Ideation	Institute Lead Activity	National
6	Motivational Talk -on Innvation and Start-ups	Entrepreneurship/Startup, Innovation	Motivational speak	Institute Lead Activity	State
7	Visit to RC - CIII - Centre of Invention, Innovation & Incubation	Entrepreneurship/Startup, Innovation	Exposure visit	Institute Lead Activity	State

Srno	Name of Event/Activity (Full Name)	Event/Activity Theme	Event/Activity Type	Event/Activity Category	Event/A Level
8	Motivational talk an entrepreneur by Mr. Venkatesh Yadav, CEO and Co-Founder of CURIONIX	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	State
9	One week FDP on Design Thinking, Innovation and IPR	IPR, Innovation	Workshop	Institute Lead Activity	State



Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Event/Activity (Full Name)	Event/Activity Theme	Event/Activity Type	Event/Activity Level	Organizing Agency / Institute Name
1	6th Innovation Day of B and R Automation, COEP, Pune	Innovation	Mentoring Session	State	COEP, Pune
2	Times Technoxian, 5th International Robotics league and World recording Championship	Innovation	Conference	International	Digital India and AICRA (All india corporation of Robotics and Automatio
3	FDP on VLSI Design Challenges and Opportunities	Innovation	Skill development	National	NITTTR, Chandigarh

4	Avishkar - Research Convention 2019-20 Project Competition	Entrepreneurship/Startup	Innovation Contest	State	University of Mumbai
5	International Conference on Business Transformation in digital economy	Entrepreneurship/Startup	Conference	International	Institute of Technology and Management Navi Mumbai
6	Ennovate 20,the techno-business competition conducted by bloom box ,e-cell kjsce	Entrepreneurship/Startup	B-Plan Competitions	State	KJSCE, Mumbai

List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Pr Er Di
No data filled.							

List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Progra Duratic Days)
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List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Received Training on I&E & IPR during AY 2019-20
1	Dilip Radkar	Mechanical Engineering	Assistant Professor	No	No

List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Club with Access to Other I&E Facilities at the HEI	No of Programs /Activities Organized During the AY 2019-20	Studer Club Team Lead Name
1	E Cell	Idea Club	2015	Co-working Space,3D Printing	Pre-Incubation Unit	12	Nandir Telavar
2	IIC Council	Innovation Club	2018	Co-working Space,3D Printing	Pre-Incubation Unit,Innovation Labs	11	Dinesh Swami

List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Srno	Name of Centre	Type of Facility	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone
1	Bharati's Pre Incubation	Startup Cell	2020	Jagdish Mandhare	jagdish.mandhare@bvcoenm.edu.in	986955

List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of Centre	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone
1	Rapid Prototyping and Advance Machining Center	2018	Mr. Pramod Suryavanshi	PRAMOD.SURYAVANSHI@bvcoenm.edu.in	908236

Grant / Funds Recieved by Facilities			
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre in Campus (In Rupees)
Institute's Own Fund / Resource	-	-	10000

LIST THE INCUBATION FACILITIES AT THE HEI (>= 1500 Sq. Ft. FLOOR AREA)

Srno	Name of Centre	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had in: Genera Income from S Offere Incuba Incuba Centre
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No data filled.



List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

Srno	Name of Centre	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had in: Genera Income from S Offere Incuba Incuba Centre
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List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of Centre	Year of Facility Creation	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had in: Genera Income from S Offere Incuba Incuba Centre
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No data filled.



Provide detail list of Faculties as Mentor to help

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty/Staff	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dilip Radkar	Assistant Professor	Idea/Innovation Development	5
Mentorship Details				
Name of Idea/Innovation/Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Smart incenerator		Within		

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

Srno	Name of the External Expert/Agency as Mentor	Type of Mentorship	Mentor Expert Area
1	REIN Labs	Unstructured Mentorship	Idea/Innovation Development, Entrepreneurship/Startup Development
2	Indian School of Management & Entrepreneurship	Unstructured Mentorship	Idea/Innovation Development, Entrepreneurship/Startup Development
3	Maharashtra Centre For Entrepreneurship Development	Unstructured Mentorship	Idea/Innovation Development, Entrepreneurship/Startup Development

List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Type of Technology	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Innov Devel by
1	Smart cloths for security forces	Product Innovation	Technological	Non-Patented Technology	Pre incubation	Stude

Name	Type
Lokesh Attarde	Student

Agency Name	Agency Type
MHRD	Govt. Agency (Central)

Name	Type
Raj Tandelkar	Student

2	SMART INCINERATOR	Product Innovation	Technological	Non-Patented Technology	E Cell	Stude
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Name	Type	Gr
Shivraj Yadav	Student	M

Agency Name	Agency Type
University of Mumbai	Govt. Agency (St

Name	Type

3	Voting system by using AADHAR based EVM Voting for General Election	Process Innovation	Technological	Non-Patented Technology	Electronics and Telecommunication Department	Facul
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Name	Type
Dr. J. Jeyavel	Faculty

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Name	Type
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List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

Srno	Name of Centre	Type Of Innovation	Nature Of Innovation	Type Of Innovation Sub	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Developed by
1	Build My Project	Product Innovation, Service Innovation	Technological	Non-Patented Technology	Bharati's Pre Incubation	Alumni

Name	DIN number	Type
Pratik Tirodkar	NA	Incubatee Entrepreneur

Venture Received any I	
Agency Name	Agency Type
International Institute For Social and Economic Reforms	Corporate / Industry Association

Name	DIN number	Type
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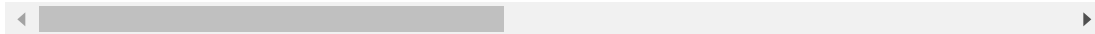
List all the Innovations/Venture/Startups for which HEI has facilitated Angel/Venture Capital Fund

List all the Innovations/Venture/Startups for which HEI has facilitated Angel/Venture Capital Fund

Data required for Financial Year (2019-20)

Empaneled Mentoring Service Support					-
Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Type of Innovation	Name Incub Unit (Innov Deve
1	CORO-BOT	TRL 8 : First of a kind commercial system.	Product Innovation	Technological	IP/Pat Techn
		Manufacturing issues solved.			
2	Smart cloths for security forces Name of the Innovation Generated with the Support of HEI	TRL 6 : Prototype system tested in intended environment close to expected performance. Type of Innovation	Product Innovation Nature of Innovation	Technological Type of Innovation	Non-f Techn Name Incub Unit (Innov Deve

3	SMART INCINERATOR	TRL 6 : Prototype system tested in intended environment close to expected performance.	Product Innovation	Technological	Non-F Techn
4	Voting system by using AADHAR based EVM Voting for General Election	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Process Innovation	Technological	Non-F Techn
5	Build My Project	TRL 9 : Full commercial application, technology available for consumers.	Product Innovation,Service Innovation	Technological	Non-F Techn



Ventures Established with the Support of the HEI



Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Type of Innovatio
1	Build My Project	Product Innovation,Service Innovation	Technological	Non-Patented Technolog

List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaborated	No. of Student Projects	Date of MOU / Agreement Signed on
1	Maharashtra Centre For Entrepreneurship Development	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	2	01-10-2019
2	Indian School of Management & Entrepreneurship	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	20	30-01-2019
3	REIN Labs	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	18	26-08-2019

List the IPs Filed/Published/Granted (Copy Right & Designs Only) by the HEI as Co-applicant/Co-owner

Srno	Title/Name of IP	Type of IP	Registration Number	Date of Filed/ Published (Month, Year)	Current Status of IP as on 31st March 2020
1	Venturi Nozzle for Agricultural Sprayers	Design	310446	03 , 2020	Published
		Applicant Name	Applicant Type	Department/Centre Name	
		-	-	Mechanical Engineering	

Srno	Title/Name of IP	Type of IP	Registration Number	Date of Filed/ Published (Month, Year)	Current Status of IP as on 31st March 2020						
2	Twin Extension Fin	Design	301033	09 , 2019	Published						
<table border="1"> <thead> <tr> <th>Applicant Name</th> <th>Applicant Type</th> <th>Department/Centre Name</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>Mechanical Engineering</td> </tr> </tbody> </table>						Applicant Name	Applicant Type	Department/Centre Name	-	-	Mechanical Engineering
Applicant Name	Applicant Type	Department/Centre Name									
-	-	Mechanical Engineering									
3	Solar Driven Human Transporter	Design	301918	08 , 2019	Published						
<table border="1"> <thead> <tr> <th>Applicant Name</th> <th>Applicant Type</th> <th>Department/Centre Name</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>Mechanical Engineering</td> </tr> </tbody> </table>						Applicant Name	Applicant Type	Department/Centre Name	-	-	Mechanical Engineering
Applicant Name	Applicant Type	Department/Centre Name									
-	-	Mechanical Engineering									

List the IP (Patents only) Filed by the HEI as Co-applicant/Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Month, Year)
No data filled.			

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

Srno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020
No data filled.				

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

Srno	Name of Technology Licenced/Transferred/ Commercialized	Technology Type	Type of Transfer	Patent/Licence Holder name (Institute Co-ownership is Must)	Patent/Licence Number	Had gen incc Tec Trai
No data filled.						

