



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

### Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

Institute Name: D. Y. Patil Pratishthans D.Y. Patil College of Engineering ,Pune [ARI-C-41513]

### 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	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Computer Engineering	Academic Department with lab facility	Computer Engineering	UG / PG / PhD	Technical	589	28	6
2	Information Technology	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	542	26	6
3	Electronics and Telecommunication Engineering	Academic Department with lab facility	Electronics and Telecommunication Engineering	UG / PG / PhD	Technical	541	28	7
4	Instrumentation and Control Engineering	Academic Department with lab facility	Instrumentation and Control Engineering	UG / PG / PhD	Technical	252	12	2
5	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	783	40	15
6	Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	781	40	9
7	Production Engineering	Academic Department with lab facility	Production Engineering	UG / PG / PhD	Technical	216	15	2
8	Research and Development Cell	Research Unit / Park	Research and Development	UG / PG / PhD	Technical	3704	8	1
9	Entrepreneurship Development Cell	Incubation Unit	Incubation and Entrepreneurship	UG / PG / PhD	Both	3704	7	1
10	Innovation and Incubation Cell	Pre-incubation unit	Innovation and Pre-Incubation	UG / PG / PhD	Both	3704	10	1
11	Industry institute Interaction Cell	Industry Institute Interface Unit	Industry institute Interaction	UG / PG / PhD	Both	3704	8	1
12	Intellectual Property Rights(IPR) Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Intellectual Property Rights	UG / PG / PhD	Both	3704	8	1
13	Center of Excellence in AI and cloud computing	Centre of Excellence with Advance Tools & Equipment	AI and cloud computing	UG / PG / PhD	Technical	1924	2	1

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

14	Center of Excellence in Robotic Process Automation	Centre of Excellence with Advance Tools & Equipment	Robotic Process Automation	UG / PG / PhD	Technical	1924	2	1
15	Center of Excellence in Information Security	Centre of Excellence with Advance Tools & Equipment	Information Security	UG / PG / PhD	Technical	1924	2	1
16	Center of Excellence in Data Science	Centre of Excellence with Advance Tools & Equipment	Data Science	UG / PG / PhD	Technical	1924	2	1
17	Center of Excellence in Satellite Communication	Centre of Excellence with Advance Tools & Equipment	Satellite Communication	UG / PG / PhD	Technical	541	2	1
18	Center of Excellence in Internet of Things (IoT)	Centre of Excellence with Advance Tools & Equipment	Internet of Things	UG / PG / PhD	Technical	1924	2	1
19	Center of Excellence in Industrial Automation	Centre of Excellence with Advance Tools & Equipment	Industrial Automation	UG / PG / PhD	Technical	1792	2	1
20	Center of Excellence in Building information management	Centre of Excellence with Advance Tools & Equipment	Building information management	UG / PG / PhD	Technical	781	2	1
21	Center of Excellence in Metrology	Centre of Excellence with Advance Tools & Equipment	Metrology	UG / PG / PhD	Technical	781	2	1
22	Center of Excellence in 3D Printing	Centre of Excellence with Advance Tools & Equipment	3D Printing	UG / PG / PhD	Technical	1780	2	1
23	Center of Excellence in Robotics	Centre of Excellence with Advance Tools & Equipment	Robotics	UG / PG / PhD	Technical	1792	2	1
24	Center of Excellence in Kuli	Centre of Excellence with Advance Tools & Equipment	Kuli	UG / PG / PhD	Technical	783	2	1

**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	IIC Registration ID : IC201912060
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
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)	No	Not Required

**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

Srno	Name of Program (Full)	Program Theme	Program Type	Program Category	Organizing Departm	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants	Internal Participants	External Participants	External Participants	Total Number of	Had institute spent expenses either from own resource/received fund to	Did any of the participants received any awards/recognition for startup / innovation ideas /
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**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

Sl. No.	Name)	Event / Centre / Student Body Name	Date	Time	Duration	Participants (Student)	Participants (Faculty)	Total Participants	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	Award / Position / Recognition Secured	Ist Position	Title of Innovation / Start-up Secured the Award / Recognition	Manomitra-A Sentiment Analyzing Humanoid Robot	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
																organise the program/activity/event?
1	DYP Hackathon 2020	Entrepreneurship/Startup, Innovation	Hackathon	Institute Lead Activity	D Y Patil College of Engineering, Akurdi	16-01-2020 00:00:00	16-01-2020 00:00:00	1	Within Campus	249	0	83	0	332	38000	
2	FDP on Innovative optimization techniques in research	Innovation	Skill development	Institute Lead Activity	IIC, D Y Patil College of Engineering, Akurdi	07-10-2019 00:00:00	12-10-2019 00:00:00	6	Within Campus	0	52	0	15	67	No	No
3	Research Meet	IPR, Innovation	Orientation Session	Institute Lead Activity	D Y Patil College of Engineering Akurdi	13-07-2019 00:00:00	13-07-2019 00:00:00	1	Within Campus	0	900	0	147	1047	300000	No

**Section 1 > ii : 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 Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	Conference on Indian Patents, Copyrights, and Startups (Cipcis-2019)	IPR	Conference	PCCOE, Ravet, Pune	Educational Institute	21-12-2019 00:00:00	22-12-2019 00:00:00	2	1	2	3	No	---	---	No	No

**Section 1 > ii : 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**

2	FDP on Entrepreneurship and Innovation	Entrepreneurship/Startup	Skill development	Symbiosis Centre	Educational Institute	27-01-2020 00:00:00	09-02-2020 00:00:00	14	0	14	14	No	---	---	No	No
3	Ideathon 2020	Innovation	Hackathon	G H Raisoni Institute of Engineering and Technology	Educational Institute	15-02-2020 00:00:00	15-02-2020 00:00:00	1	1	0	1	No	---	---	No	No
4	Techwizard	Entrepreneurship/Startup	Innovation Contest	DYPCOE, Akurdi	Educational Institute	09-02-2020 00:00:00	09-02-2020 00:00:00	1	1	1	2	No	---	---	No	No
5	Bro-code coding event	Innovation	Innovation Contest	PCCOE, Ravet	Educational Institute	13-02-2020 00:00:00	13-02-2020 00:00:00	1	2	0	2	No	---	---	No	No
6	CodeSule	Innovation	Innovation Contest	Coding Block, DYPCOE, Akurdi	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	2	0	2	No	---	---	No	No

**Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)**

**No Data Filled!**

**Section 2 > ii : 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	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	International eSymposium on Research Innovation and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	IIC DYPCOE Akurdi	15-05-2020	18-05-2020	4	Online	349	30
2	Artificial Intelligence and data science challenges and application	Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	Computer Engineering and IT	16-09-2020	19-09-2020	4	Online	333	30
3	Contemporary Artificial Intelligence	Innovation	FDP in I&E / IPR	Computer Engineering	19-10-2020	24-10-2020	6	Online	254	36
4	Contemporary Artificial Intelligence and its applications in Healthcare	Innovation	FDP in I&E / IPR	Computer Engineering	07-12-2020	12-12-2020	6	Online	86	36
5	Contemporary Artificial Intelligence and Idea to Product	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	Computer Engineering	21-12-2020	26-12-2020	6	Online	75	36

**Section 2 > iii : 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?	Had the faculty received training on I&E & IPR during AY 2019-20
1	Manish Sharma	IIC DYPCOE Akurdi	Associate Professor	No	No

**Section 3 > i : 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	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Institution of Engineers IEI	Idea Club	2017	Co-working Space	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	5	Shikha Sharma	sharma2285shikha@gmail.com	7070016690
2	DYPCOE Robotics and Artificial Intelligence Club	Innovation Club	2010	Co-working Space, 3D Printing	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	5	Shreyash Choppawar	shreyashchoppawar@gmail.com	9922952411

**Section 3 > ii > a : 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 Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	DYP Innovation and incubation cell	Innovation Centre	2018	Co-working Space, 3D Printing & Prototype Equipment, Work Stations	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Manish Sharma</td> </tr> <tr> <td>Facility Incharge Email</td> <td>msharma@dyppcoeaakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8007043081</td> </tr> </table>	Facility Incharge Name	Dr. Manish Sharma	Facility Incharge Email	msharma@dyppcoeaakurdi.ac.in	Facility Incharge Phone	8007043081	12	No	No	No
Facility Incharge Name	Dr. Manish Sharma																
Facility Incharge Email	msharma@dyppcoeaakurdi.ac.in																
Facility Incharge Phone	8007043081																

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?						
1	Centre of Excellence in AI and Cloud Computing	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Vaishali Kolhe</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vlkolhe@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9822423236</td> </tr> </table>	Facility Incharge Name	Vaishali Kolhe	Facility Incharge Email	vlkolhe@gmail.com	Facility Incharge Phone	9822423236	2	No	No	No
Facility Incharge Name	Vaishali Kolhe														
Facility Incharge Email	vlkolhe@gmail.com														
Facility Incharge Phone	9822423236														
2	Center of Excellence in Robotic Process Automation	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Gajanan Babulkar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gpbabhulkar@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8657176817</td> </tr> </table>	Facility Incharge Name	Gajanan Babulkar	Facility Incharge Email	gpbabhulkar@dypcoeakurdi.ac.in	Facility Incharge Phone	8657176817	2	No	No	No
Facility Incharge Name	Gajanan Babulkar														
Facility Incharge Email	gpbabhulkar@dypcoeakurdi.ac.in														
Facility Incharge Phone	8657176817														
3	Center of Excellence in Information Security	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Kalyan Baman</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kdbamane@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9822116453</td> </tr> </table>	Facility Incharge Name	Kalyan Baman	Facility Incharge Email	kdbamane@dypcoeakurdi.ac.in	Facility Incharge Phone	9822116453	2	No	No	No
Facility Incharge Name	Kalyan Baman														
Facility Incharge Email	kdbamane@dypcoeakurdi.ac.in														
Facility Incharge Phone	9822116453														
4	Center of Excellence in Data Science	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Priti Patil</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pspatil@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8329747183</td> </tr> </table>	Facility Incharge Name	Dr. Priti Patil	Facility Incharge Email	pspatil@dypcoeakurdi.ac.in	Facility Incharge Phone	8329747183	2	No	No	No
Facility Incharge Name	Dr. Priti Patil														
Facility Incharge Email	pspatil@dypcoeakurdi.ac.in														
Facility Incharge Phone	8329747183														

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

5	Center of Excellence in Satellite Communication	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Shailaja Yadav	2	No	No	Yes
					Facility Incharge Email	ssyaadav@dyppoearudi.ac.in				
Source of Grant / Fund					Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
6	Center of Excellence in Internet of Things	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Rutuja Deshmukh	2	No	No	Yes
					Facility Incharge Email	rdeshmukh@dypcoeakurdi.ac.in				
Source of Grant / Fund					Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
7	Center of Excellence in Industrial Automation	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Dr. B B Musmade	2	No	No	Yes
					Facility Incharge Email	bbmusmade@dypcoeakurdi.ac.in				
Source of Grant / Fund					Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

8	Center of Excellence in Building Information Management	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mahesh Tatikonda</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mvatikonda@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7387917535</td> </tr> </table>	Facility Incharge Name	Mahesh Tatikonda	Facility Incharge Email	mvatikonda@dypcoeakurdi.ac.in	Facility Incharge Phone	7387917535	2	No	No	No
Facility Incharge Name	Mahesh Tatikonda														
Facility Incharge Email	mvatikonda@dypcoeakurdi.ac.in														
Facility Incharge Phone	7387917535														
9	Center of Excellence in Metrology	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr V A Kulkarni</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vakulkarni@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9923602496</td> </tr> </table>	Facility Incharge Name	Dr V A Kulkarni	Facility Incharge Email	vakulkarni@dypcoeakurdi.ac.in	Facility Incharge Phone	9923602496	2	No	No	No
Facility Incharge Name	Dr V A Kulkarni														
Facility Incharge Email	vakulkarni@dypcoeakurdi.ac.in														
Facility Incharge Phone	9923602496														
10	Center of Excellence in 3D Printing	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. V A Kulkarni</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vakulkarni@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9923602496</td> </tr> </table>	Facility Incharge Name	Dr. V A Kulkarni	Facility Incharge Email	vakulkarni@dypcoeakurdi.ac.in	Facility Incharge Phone	9923602496	2	No	No	No
Facility Incharge Name	Dr. V A Kulkarni														
Facility Incharge Email	vakulkarni@dypcoeakurdi.ac.in														
Facility Incharge Phone	9923602496														
11	Center of Excellence on Robotics	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. R.S. Hingole</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rshingole@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>830855303057</td> </tr> </table>	Facility Incharge Name	Dr. R.S. Hingole	Facility Incharge Email	rshingole@dypcoeakurdi.ac.in	Facility Incharge Phone	830855303057	2	No	No	Yes
Facility Incharge Name	Dr. R.S. Hingole														
Facility Incharge Email	rshingole@dypcoeakurdi.ac.in														
Facility Incharge Phone	830855303057														
				<table border="1"> <tr> <td>Source of Grant / Fund</td> <td>Agency Name</td> </tr> </table>		Source of Grant / Fund	Agency Name	<table border="1"> <tr> <td>Agency Type</td> <td>Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)</td> </tr> </table>		Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)				
Source of Grant / Fund	Agency Name														
Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)														



**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

12	Center of Excellence in Kuli	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Tapobrata Dey</td> </tr> <tr> <td>Facility Incharge Email</td> <td>tdey@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7719037799</td> </tr> </table>	Facility Incharge Name	Dr. Tapobrata Dey	Facility Incharge Email	tdey@dypcoeakurdi.ac.in	Facility Incharge Phone	7719037799	2	No	No	Yes
Facility Incharge Name	Dr. Tapobrata Dey														
Facility Incharge Email	tdey@dypcoeakurdi.ac.in														
Facility Incharge Phone	7719037799														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)								

**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?						
1	DYP Incubation and Entrepreneurship Development Cell	2016	Pre-Incubation, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Kailash Shaw</td> </tr> <tr> <td>Facility Incharge Email</td> <td>Kailashshaw@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9853271986</td> </tr> </table>	Facility Incharge Name	Dr. Kailash Shaw	Facility Incharge Email	Kailashshaw@dypcoeakurdi.ac.in	Facility Incharge Phone	9853271986	8	No	No	Yes
Facility Incharge Name	Dr. Kailash Shaw														
Facility Incharge Email	Kailashshaw@dypcoeakurdi.ac.in														
Facility Incharge Phone	9853271986														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								

**Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

**No Data Filled!**

**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

1	DYP IPR Cell	2016	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Tapobrata Dey</td> </tr> <tr> <td>Facility Incharge Email</td> <td>tdey@dypcoeakurdi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7719037799</td> </tr> </table>	Facility Incharge Name	Dr. Tapobrata Dey	Facility Incharge Email	tdey@dypcoeakurdi.ac.in	Facility Incharge Phone	7719037799	8	No	No	Yes
Facility Incharge Name	Dr. Tapobrata Dey														
Facility Incharge Email	tdey@dypcoeakurdi.ac.in														
Facility Incharge Phone	7719037799														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Manish Sharma	Associate Professor	Idea/Innovation Development, IPR Protection & Commercialization	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Manomitra- Sentiment Analyzing Humanoid Robot		Within	
	A text recognizing pen		Within	
	Humanoid Robot as Receptionist		Within	
	App for Mobile features Comparison		Within	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

**No Data Filled!**

**Section 4 : 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	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	The Intelligent Classroom	Product Innovation	Technological	Innovation and Incubation Cell DYPCEE	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name					Type			Gender		Email		Contact	
Sankapl Kulkarni					Student			Male		kulkarnisankalp21@gmail.com		7387316739	
Name					Type			Gender		Email		Contact	
Dr. V G Kottawar					Faculty			Male		vgkottawar@dypcoeakurdi.ac.in		9421841781	
2	Velocidad	Product Innovation	Technological	Innovation and Incubation Cell DYPCEE	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
Name					Type			Gender		Email		Contact	
Ishika Prasad					Student			Female		22prasad09@gmail.com		7620313124	

Name		Type				Gender			Email		Contact	
Anushka Deshpande		Student				Female			anushkadeshpande153@gmail.com		9545261628	
3	Detener	Product Innovation	Technological	Innovation and Incubation Cell DYPCEE	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No
	Name		Type				Gender			Email		Contact
	Ishika Prasad		Student				Female			22prasad09@gmail.com		7620313124
Name		Type				Gender			Email		Contact	
Anushka Deshpande		Student				Female			anushkadeshpande153@gmail.com		9545261628	
4	Palanca	Product Innovation	Technological	Innovation and Incubation Cell DYPCEE	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No
	Name		Type				Gender			Email		Contact
	Anushka Deshpande		Student				Female			anushkadeshpande153@gmail.com		9545261628
Name		Type				Gender			Email		Contact	
Ishika Prasad		Student				Female			22prasad09@gmail.com		7620313124	

5	Smart Valve System for Water Management	Product Innovation	Technological	Innovation and Incubation Cell DYPCE Akurdi	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Anushka Deshpande		Student			Female			anushkadeshpande153@gmail.com			9545261628		
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Ishika Prasad		Student			Female			22prasad09@gmail.com			7620313124		
6	The FinPrint	Product Innovation	Technological	Innovation and Incubation Cell DYPCE Akurdi	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Ishika Prasad		Student			Female			22prasad09@gmail.com			7620313124		
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Mr. Pramod Deshmukh		Faculty			Male			pramod.deshmukh5@gmail.com			9850838678		
7	College Guider	Product Innovation	Technological	Innovation and Incubation Cell DYPCE Akurdi	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No

Name	Type	Gender	Email	Contact
Yogesh Salgunde	Student	Male	salgudeyogesh333@gmail.com	7083463856

Name	Type	Gender	Email	Contact
Shanthi Guru	Faculty	Female	skumarguru@dypcoeakurdi.ac.in	9766798075
V.T.Patil	Faculty	Male	vvkpatil300@gmail.com	7875100000

8	"FACE RECOGNITION SYSTEM USING CONTAINERS FOR EMBEDDED DEVICES ON A CUSTOMIZED OPERATING SYSTEM"	Product Innovation	Technological	Innovation and Incubation Cell DYPCOE	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Akash Dhus	Student	Male	akashdhus1998@gmail.com	9552259521

Name	Type	Gender	Email	Contact
Shanthi Guru	Faculty	Female	skumarguru@dypcoeakurdi.ac.in	9766798075
V.T.Patil	Faculty	Male	vvkpatil300@gmail.com	7875100000

9	Smart Assistive Armlet For People Having Hearing Disability & vision impairment	Product Innovation	Technological	Innovation and Incubation Cell DYPCOE	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Prajakta Tare	Student	Female	prachi4554@gmail.com	7218664660

Name	Type	Gender	Email	Contact
Prabhu Reddy	Faculty	Male	ptreddyc@dypcoeakurdi.ac.in	9890029953

10	AN ALTERATION IN AUTOMATION OF SEWAGE TREATMENT PLANT USING PLC & SCADA	Product Innovation	Technological	Innovation and Incubation Cell DYPCEE	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>			
Rutuja Deshmukh		Faculty			Female		rutujadeshmukh88@gmail.com			7709004301			
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>			
Manish Sharma		Faculty			Male		msharma@dypcoeakurdi.ac.in			8007043081			
11	ICUR-Overhead Intelligent Crop Protection from unexpected rainfall and overheat	Product Innovation	Technological	Innovation and Incubation Cell DYPCEE	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>			
Mr. Shivam borse		Student			Male		borse.shivam8@gmail.com			9421674327			
<b>Name</b>		<b>Type</b>			<b>Gender</b>		<b>Email</b>			<b>Contact</b>			
Dr. P. Malathi		Faculty			Female		malathijesudason@gmail.com			7020182820			
Manisha Rajput		Faculty			Female		mrrajput@dypcoeakurdi.ac.in			9860352035			
Snehal Gaikwad		Faculty			Female		snehal.sg@gmail.com			9920922726			

12	wireless sensor network based intelligent framework for mobile real time health care system	Product Innovation	Technological	Innovation and Incubation Cell DYPCEE	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mrs. Dipti D. Patil	Student	Female	diptivt@gmail.com	9226980947

Name	Type	Gender	Email	Contact
Dr. Vijay M. Wadhai	Faculty	Male	principal@dypcoekurdi.ac.in	9921843549

13	Design and Manufacturing of Sugarcane cutting machine	Product Innovation	Technological	Innovation and Incubation Cell DYPCEE	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr R S Hingole	Faculty	Male	rshingole@dypcoekurdi.ac.in	8308553057

14	Universal Sterilization Machine	Product Innovation	Technological	Innovation and Incubation Cell DYPCEE	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr R S Hingole	Faculty	Male	rshingole@dypcoekurdi.ac.in	8308553057



Name	Type	Gender	Email	Contact
Shivam Waghmare	Student	Male	rshingole@dypcoeakurdi.ac.in	8308553057

### Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

**No Data Filled!**

### Section 7 > i : 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 Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	Centre for Innovation, Incubation & Linkages SPPU Pune	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation, Incubation, Mentoring, Networking	12	25-05-2019
2	MHRD Innovation Cell	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation, Incubation, Mentoring, Networking	62	30-09-2019

### Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	CO's Bloom's Taxonomy Action Verbs Analysis	IPRFiledPublished	13424/2019-CO	National	2019 - 08	Uploaded	Published	No
Department/Centre Name								
DYPCOE Akurdi								
2	Performance Enhancement of massive MIMO using Optimal antenna selection towards sub array switching system	IPRFiledPublished	L-83431/2019	National	2019 - 05	Uploaded	Filed	No
Department/Centre Name								
Electronics and Telecommu								

### Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Smart Valve System for Water Management	2201921040166	National	2019 - 10	Uploaded
2	The FinPrint	201821015566	National	2019 - 09	Uploaded
3	Electric crusher for Shrikhand And Puran Mixer With Battery backup	1491/MU/2010	National	2019 - 11	Uploaded

4	An alteration in automation of sewage treatment plant using PLC and SCADA	20191014594A	National	2019 - 04	Uploaded
5	Advance Controlled Robot with Pick and Place mechanism	202021000965	National	2020 - 01	Uploaded
6	CDPW-HZSM-5: Catalytic Depolymerisation of Polystyrene Waste using HZSm-5	20191018864	National	2019 - 05	Uploaded
7	ENW-Water Effects of Nanomaterials on COD of waste water	201921018867	National	2019 - 05	Uploaded
8	HWE -TREATMENT - treatment of hospital waste water using electrocoagulation	201921018866	National	2019 - 05	Uploaded
9	CFM-CONSTRUCTION INDUSTRY: Managerial Competencies of Female and Male Managers in CInstruction Industry	201921028800	National	2019 - 07	Uploaded
10	P-PARKING SPACE: prediction of parking Space near by Your Vehicle	201921030922	National	2019 - 07	Uploaded
11	ETP-SUSTAINABLE: Existing and Proposed Sewage Treatment Plant of Paramatic Feasibility Cost Efficiency and Sustainable	201921031639	National	2019 - 08	Uploaded
12	Intelligent Replaced of Natural Aggregates and cement with Recycled concrete aggregate Ric Husk Ash	201921031637	National	2019 - 08	Uploaded
13	IRF-ADSOBENTS: Intelligenet Removal of Fluoride Using Low Cost Natural Adsorbents	201921031976	National	2019 - 08	Uploaded
14	Synthesis of Energy Fuel from Plastic Waste and its Efficiency	201921034478	National	2019 - 08	Uploaded
15	Intelligent way to water Management Index [CWM] of Warana river basin	201921034459	National	2019 - 08	Uploaded
16	Aggregate and bitumen with Asphalt Pavement and Waste InFlexible pavement	201921034895	National	2019 - 11	Uploaded
17	Polyethylene Terephthalate(PET) Bottles in Rigid Pavement	201921035069	National	2019 - 08	Uploaded
18	Modification in rapid Sand Filter for backwashing System using Change in Filter Design	201921041392	National	2019 - 10	Uploaded
19	Water Lettuce converter : Water lettuce can be converted to biofuels ,biomannure and other required things	201621050559	National	2019 - 12	Uploaded
20	Application of geothermal Cooling Techniques and water cooling technique Residential building	201921041894	National	2019 - 10	Uploaded
21	performance evaluation of fixed and suspended anaerobic filter media of compacted sewage treatment process	201921050639	National	2019 - 12	Uploaded
22	Use of natural Coagulants for primary treatment of dairy wastewater	201921050680	National	2019 - 12	Uploaded
23	Identification and classification of fruits based on image processing	201921022382	National	2019 - 07	Uploaded
24	Real time embedded immage processing system for traffic sign detection and control of vehicle	20192102283	National	2019 - 07	Uploaded

25	Development of sound absorbing material using coconut coir fibres	201921039630	National	2019 - 12	Uploaded
26	Design analysis and manufacturing of pedal driven multiple crop cutter	201921042122	National	2019 - 10	Uploaded
27	Design and Manufacturing of hand operated cotton picking machine	201921042329	National	2019 - 10	Uploaded
28	Flow Field for fuel cells	553/MU/2012	National	2020 - 01	Uploaded
29	wireless sensor network based intelligent framework for mobile real time health care system	1259/MUM//201	National	2020 - 01	Uploaded
30	Smart assistive Armlet for people having Hearing disability and Vision Impairment	20191021630A	National	2019 - 05	Uploaded
31	An automated system for animal health care using IOT and AI	201921054115	National	2019 - 12	NA
32	transformation of thoughts into voice for paralysis patients	2020101050	National	2020 - 03	NA
33	An alteration in automation of sewage treatment plant using PLC and SCADA	20191014594A	National	2019 - 04	Uploaded
34	An effective design and implementation of smart home using raspberry PI	20201010513	National	2020 - 03	NA

**Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

**No Data Filled!**

**Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

**No Data Filled!**

## Declaration

To,  
The ARIIA Committee  
MHRD's Innovation Cell  
New Delhi

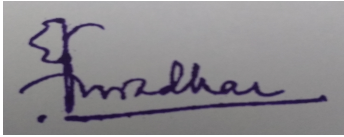
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Vijay M. Wadhai (Head of Institute) and Dr. Manish Sharma (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

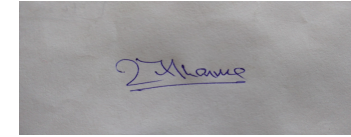
The Head of Institute



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Dr. Vijay M. Wadhai  
Head of the Institution,  
Pune, Maharashtra

Nodal officer



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Dr. Manish Sharma  
Nodal Officer,  
Pune, Maharashtra