



# ARIIA

## ATL 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: Eternal University [ARI-U-0182]

### 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	Eternal University	Academic Department with lab facility	Science and Technology, Management	UG / PG / PhD	Technical	321	135	36

### 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 : IC201912387
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	No	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 Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration (in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?		
1	Importance of Intellectual Property Rights	IPR	Workshop	Institute Lead Activity	Eternal University	30-11-2019 00:00:00	30-11-2019 00:00:00	1	Within Campus	108	78	0	6	192	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>23000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23000	No
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23000																	

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

2	Design of low cost mixed solar drying system for horticultural and agricultural commodities of Himachal Pradesh	Innovation	Training	Institute Lead Activity	Eternal University	23-02-2020 00:00:00	23-02-2020 00:00:00	1	Outside Campus	0	12	52	0	64	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6800	No
3	One Day Training by Food Safety and Standard Authority of India Food Safety Training and Certification	Entrepreneurship/Start-up	Training	Institute Lead Activity	Eternal University	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	60	5	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
4	Basics of Flow Cytometry and its Applications in Plant Biology	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Eternal University	06-02-2020 00:00:00	07-02-2020 00:00:00	2	Within Campus	110	20	0	20	150	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	150000	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	First International Wheat Congress	Innovation	Conference	University of Saskatchewan	Educational Institute	21-07-2019 00:00:00	26-07-2019 00:00:00	6	1	1	2	No	---	---	No	No
2	Innovation, Techniques, Characterisation, Optimisation and Data Analysis	Innovation	Workshop	Chitkara University	Educational Institute	08-07-2019 00:00:00	12-07-2019 00:00:00	5	3	6	9	No	---	---	No	No

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	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	Intellectual Property Management in Agriculture	IPR	Elective/Core Credit Course	Master	College of Agriculture	01-08-2020	05-12-2020	127	Offline	9	42
2	Intellectual property Rights	IPR	Elective/Core Credit Course	Bachelor	College of Agriculture	01-08-2019	05-12-2019	127	Offline	69	42
3	International economics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Economics	27-01-2020	15-06-2020	141	Offline	8	54
4	Entrepreneurship development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Commerce	27-01-2020	15-06-2020	141	Offline	30	45

**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	One-week Short Term Course on GPU Programming using CUDA	Entrepreneurship/Startup	Employment Generation Training Programs	Etrnal University	10-02-2020	14-02-2020	5	Offline	14	60

**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	Sunil Kumar	Eternal University	Assistant Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	General Course on Intellectual Property	IPR	Short term Certificate	WIPO	International Agencies	31-10-2019 00:00:00	14-12-2019 00:00:00	45	Online
2	Sunil Kumar	Eternal University	Assistant Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	Introduction to the Patent Cooperation Treaty	IPR	Short term Certificate	WOPO	International Agencies	13-09-2019 00:00:00	13-09-2019 00:00:00	1	Online

**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**

**No Data Filled!**

**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)**

**No Data Filled!**

**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	Centralised Lab Facility	2015	Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Pritesh Vyas</td> </tr> <tr> <td>Facility Incharge Email</td> <td>prish2010@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8894199744</td> </tr> </table>	Facility Incharge Name	Dr. Pritesh Vyas	Facility Incharge Email	prish2010@gmail.com	Facility Incharge Phone	8894199744	5	No	No	Yes
Facility Incharge Name	Dr. Pritesh Vyas														
Facility Incharge Email	prish2010@gmail.com														
Facility Incharge Phone	8894199744														
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)						
Institute's Own Fund / Resource				Eternal University			Educational Institute		536000						

**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	Eternal University Entrepreneur Innovation and Development Centre	2015	Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Nil	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. A. S. Ahluwalia</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pvc@eternaluniversity.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9815984489</td> </tr> </table>	Facility Incharge Name	Dr. A. S. Ahluwalia	Facility Incharge Email	pvc@eternaluniversity.edu.in	Facility Incharge Phone	9815984489	10	Yes	No	Yes
Facility Incharge Name	Dr. A. S. Ahluwalia														
Facility Incharge Email	pvc@eternaluniversity.edu.in														
Facility Incharge Phone	9815984489														

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

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	Eternal University	Educational Institute	972000
Funding Agency	Department of Science and Technology	Govt. Agency (Central)	900000
Funding Agency	Department of Environmental Science and Technology	Govt. Agency (State)	820000
Funding Agency	Department of Biotechnology	Govt. Agency (Central)	1251760

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Centre for Post Harvest Technology	2015	Incubation Unit, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Krishan Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>krishan kumar 02007@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8708790898</td> </tr> </table>	Facility Incharge Name	Dr. Krishan Kumar	Facility Incharge Email	krishan kumar 02007@gmail.com	Facility Incharge Phone	8708790898	4	No	No	No
Facility Incharge Name	Dr. Krishan Kumar														
Facility Incharge Email	krishan kumar 02007@gmail.com														
Facility Incharge Phone	8708790898														

**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?						
1	IPR Cell, Eternal University	2016	Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools	Patent filing, Eternal University	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Sunil Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>adi.sunil@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8340736131</td> </tr> </table>	Facility Incharge Name	Dr. Sunil Kumar	Facility Incharge Email	adi.sunil@gmail.com	Facility Incharge Phone	8340736131	1	Yes	No	Yes
Facility Incharge Name	Dr. Sunil Kumar														
Facility Incharge Email	adi.sunil@gmail.com														
Facility Incharge Phone	8340736131														

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

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
Funding Agency	HPPIC	Govt. Agency (State)	40000
Institute's Own Fund / Resource	Eternal University	Educational Institute	50000

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups****No Data Filled!****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****No Data Filled!****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****No Data Filled!****Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner****No Data Filled!****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	Non. Electrical Mechanical Bulk Syringe Crusher	201911018615	National	2019 - 05	Uploaded
2	Improved Process for Synthesis of Copper Nanoparticle	201911021700	National	2019 - 05	Uploaded

**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

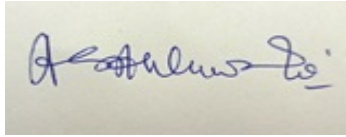
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. Amrik Singh Ahluwalia (Head of Institute) and Prof. Baldev Singh Sohal (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

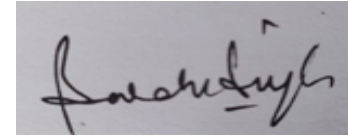
The Head of Institute



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Prof. Amrik Singh Ahluwalia  
Head of the Institution,  
Sirmaur, Himachal Pradesh

Nodal officer



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Prof. Baldev Singh Sohal  
Nodal Officer,  
Sirmaur, Himachal Pradesh