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

Institute Name: INDIAN INSTITUTE OF TECHNOLOGY DHARWAD [ARI-U-0899]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Department of Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	180	12	6
2	Department of Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	180	10	6
3	Department of Electrical Engineering	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	180	12	6
4	Department of Mathematics	Academic Department with lab facility	Mathematics	UG / PG / PhD	Technical	500	5	2
5	Department of Physics	Academic Department with lab facility	Physics	UG / PG / PhD	Technical	500	5	2
6	Department of Chemistry	Academic Department with lab facility	Chemistry	UG / PG / PhD	Technical	500	3	2
7	Department of Bioscience and Bioengineering	Academic Department with lab facility	Bioscience and Bioengineering	UG / PG / PhD	Technical	500	2	1
8	Central Workshop	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	500	12	6
9	Manufacturing Process Lab	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	180	3	3
10	Student Innovation Center	Pre-incubation unit	Multidisciplinary	At all level	Technical	500	2	0
11	Computer Center	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	500	10	6
12	Computational Mechanics Lab	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	500	5	3
13	Research Lab	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	80	0	0

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

14	Advanced Manufacturing Lab	Centre of Excellence with Advance Tools & Equipment	Advanced Manufacturing	UG / PG / PhD	Technical	160	3	3
15	Electronics Device Lab	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	180	2	3
16	Control System Lab	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	180	2	2
17	Kinematics and Dynamics of Machines Lab	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	180	4	3
18	Design Lab	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	180	5	3
19	Fluid Mechanics and Heat Transfer Lab	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	180	5	3

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 : IC201912410
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 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	Talk on Intellectual Property for Startups	IPR	Mentoring Session	Institute Lead Activity	Institute of Innovation Cell	11-10-2019 00:00:00	11-10-2019 00:00:00	1	Within Campus	80	6	0	0	86	No	No
2	Session on Technology Venture Creation	Entrepreneurship/ Startup	Mentoring Session	Institute Lead Activity	Institute of Innovation Cell	08-11-2019 00:00:00	08-11-2019 00:00:00	1	Within Campus	80	4	0	0	84	No	No

3	Finding Funding	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Institute Innovation Cell	22-11-2019 00:00:00	22-11-2019 00:00:00	1	Within Campus	80	4	0	0	84	No	No
4	Social Innovation and Entrepreneurship - Success and Failure Stories	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Institute of Innovation Cell	23-11-2019 00:00:00	23-11-2019 00:00:00	1	Within Campus	85	4	0	0	89	No	No
5	Institute Hackathon	Innovation	Hackathon	Institute Lead Activity	Institute Innovation Cell	08-01-2020 00:00:00	09-01-2020 00:00:00	2	Within Campus	60	10	0	0	70	No	Award / Position / Recognition Secured: 9 Team qualified; Title of Innovation / Start-up Secured the Award / Recognition: Top-9 teams; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
6	DevHack 2.0-Software	Innovation	Hackathon	Institute Lead Activity	Parsec Team	14-02-2020 00:00:00	16-02-2020 00:00:00	3	Within Campus	30	6	30	4	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees): 30000	Award / Position / Recognition Secured: Winner; Title of Innovation / Start-up Secured the Award / Recognition: Software Track; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
7	DevHack 2.0-Hardware	Innovation	Hackathon	Institute Lead Activity	Parsec	14-02-2020 00:00:00	16-02-2020 00:00:00	3	Within Campus	40	6	30	4	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees): 50000	Award / Position / Recognition Secured: Winner; Title of Innovation / Start-up Secured the Award / Recognition: Hardware Track; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype

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

8	ALGOST RIKE	Innovation	Hackathon	Institute Lead Activity	Parsec	16-02-2020 00:00:00	16-02-2020 00:00:00	1	Within Campus	30	8	30	0	68	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	24000	Award / Position / Recognition Secured — Winners; Title of Innovation / Start-up Secured the Award / Recognition — AlgoStrike Winner; Award/Recognition/Achievement Received for — Idea/Innovation/Prototype
9	DIAL 2019	Innovation	Workshop	Institute Lead Activity	Department of Mechanical Engineering	07-04-2019 00:00:00	08-04-2019 00:00:00	2	Within Campus	80	10	0	0	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	70000	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	Smart India Hackathon	Innovation	Hackathon	MHRD	Govt. Agency (Central)	10-02-2020 00:00:00	31-03-2020 00:00:00	51	60	1	61	No	---	---	No	No
2	HEALTH CON 2.0	Entrepreneurship/Startup	Mentoring Session	TIE Hubli	Non-Govt. Agencies	02-11-2019 00:00:00	03-11-2019 00:00:00	2	8	5	13	No	---	---	No	No
3	Startup Dialogue 2020	Entrepreneurship/Startup	Start-up Conclave	Yuva Entrepreneurship program and Deshpande Startups	Non-Govt. Agencies	02-02-2020 00:00:00	02-02-2020 00:00:00	1	0	2	2	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

4	MAKERS MAKEATHON 2019	Entrepreneurship/Startup	Innovation Contest	Deshpande Startups	Non-Govt. Agencies	14-11-2019 00:00:00	16-11-2019 00:00:00	3	9	0	9	Yes	Top 5 teams	Top 5 team	No		
																Award / Position / Recognition Secured	Top 5 teams
																Title of Innovation / Start-up Secured the Award / Recognition	Top 5 team
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
5	Schlumberger Coding Hackathon	Innovation	Hackathon	Inter IIT Tech Meet 8.0 Coding Hackathon was organized in partnership with Schlumberger	Educational Institute	26-12-2019 00:00:00	31-12-2019 00:00:00	6	4	0	4	Yes	Gold Medal	Gold Medal	No		
																Award / Position / Recognition Secured	Gold Medal
																Title of Innovation / Start-up Secured the Award / Recognition	Gold Medal
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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	IPR	Elective/Core Credit Course	Credit Course (Elective)	Humanities and Social Science	29-07-2019	29-11-2019	124	Offline	80	40
2	Technological entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Humanities and Social Science	01-01-2020	24-04-2020	115	Offline	60	40
3	Design Thinking and Creativity	Innovation	Short term Course	Credit Course (Elective)	Department of Mechanical Engineering	01-01-2020	24-04-2020	115	Offline	120	40

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)

No Data FIled!

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)

No Data FIled!

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	Institute Innovation Cell	Innovation Club	2019	Co-working Space	Pre-Incubation Unit	8	Mr. K. Sai Anuroop	170030035@iitdh.ac.in	7036053327
2	Coding Club	Idea Club	2016	Co-working Space	Innovation Labs	5	Atul Singh	gstech@iitdh.ac.in	7892128329
3	Artificial Intelligence	Idea Club	2018	Co-working Space	Innovation Labs	4	ASHISH ARORA	160010008@iitdh.ac.in	7892128329
4	Robotics Club	Idea Club	2016	Co-working Space	Innovation Labs	2	Vihang Puranik	170030008@iitdh.ac.in	7892128329
5	Developer Students Club	Idea Club	2018	Co-working Space	Innovation Labs	1	Sonu Sourav	170020021@iitdh.ac.in	7892128329
6	OSS	Innovation Club	2019	Co-working Space	Innovation Labs	4	Atul Singh	gstech@iitdh.ac.in	7892128329

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 FIled!

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Deshpande Foundation- Startups Hubli	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship

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 FIled!

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

No Data FIled!

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

Declaration

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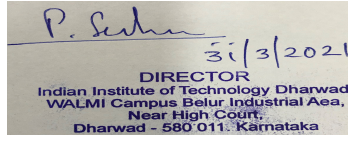The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. P. Seshu (Head of Institute) and Dr. AMAR K GAONKAR (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

DIRECTOR
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WALMI Campus Belur Industrial Aea,
Near High Court,
Dharwad - 580 011. Karnataka

Prof. P. Seshu
Head of the Institution,
Dharwad, Karnataka

Nodal officer

Amar Gaonkar
31/03/2021

Dr. AMAR K GAONKAR
Nodal Officer,
Dharwad, Karnataka