



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Lords Institute of Engineering & Technology [ARI-C-19616]

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

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)
Mechanical Engineering Department	Academic Department with lab facility	3D Printing, Robotics, Nanotechnology	UG / PG / PhD	Technical	647	42	7
Electronics and Communication Engineering Department	Academic Department with lab facility	5G Cellular System, Internet-of-Things (IoT)	UG / PG / PhD	Technical	212	27	5
Electrical and Electronics Engineering Department	Academic Department with lab facility	Electric Vehicles, Renewable Energy	UG / PG / PhD	Technical	82	14	5
Civil Engineering Department	Academic Department with lab facility	Sustainable construction materials, Water conservation, Energy Conservation, Irregular Structural Design, GeoTech	UG / PG / PhD	Technical	587	40	5
Computer Science and Engineering Department	Academic Department with lab facility	Artificial Intelligence & Machine Learning (AI & ML), Data Science (DS), Cloud Computing, Cybersecurity	UG / PG / PhD	Technical	381	31	6
Information Technology	Academic Department with lab facility	Mobile App Development, DevOps, Web Development	UG / PG / PhD	Technical	60	3	2
Humanities and Sciences	Academic Department with lab facility	Nanoscience and Nanotechnology, Medicinal Chemistry, Combinatorics, Euphemisms	UG / PG / PhD	Technical	497	28	7
Petroleum Engineering	Academic Department with lab facility	Enhanced Oil Recovery, Geologic Carbon Storage, Hydraulic Fracturing and Reservoir Geomechanics	UG / PG / PhD	Technical	38	18	3
Master of Business Administration	Academic Department with lab facility	Data Analytics, Marketing, Finance, Human Resource Management	UG / PG / PhD	Technical	110	14	2
Data Science Center of Excellence	Centre of Excellence with Advance Tools & Equipment	Data Science	UG / PG / PhD	Technical	112	8	2

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

Embedded Systems Center of Excellence	Centre of Excellence with Advance Tools & Equipment	Embedded Systems, Electronics	UG / PG / PhD	Technical	83	6	2
Renewable Energy Center of Excellence	Centre of Excellence with Advance Tools & Equipment	Solar, Biogas, Wind, Energy Audit	UG / PG / PhD	Technical	78	5	3
Construction Material Quality Control and Testing - Center of Excellence	Centre of Excellence with Advance Tools & Equipment	Civil Engineering, Material Testing, Construction	UG / PG / PhD	Technical	105	12	6
Internal Combustion Engine - Center of Excellence	Centre of Excellence with Advance Tools & Equipment	Mechanical Engineering, Material Science, Strength of Materials	UG / PG / PhD	Technical	84	7	2
Lords Entrepreneurship Development Cell	Pre-incubation unit	DeepTech, EduTech, FoodTech, Ecopreneur, Social and Women Entrepreneurship	UG / PG / PhD	Technical	193	8	2
Lords Technology Business Incubator	Incubation Unit	Product Development, Minimal Viable Product, Business Plan, Marketing and Finance	UG / PG / PhD	Technical	39	12	3
Lords Technology Park	Research Unit / Park	Software Development, Supply Chain Management, Logistics, Blockchain	UG / PG / PhD	Technical	12	4	2

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 : IC201810789
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	Yes	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 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?
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Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

1	Leadership Talk on Entrepreneurship and Innovation by Lorena Julio	Entrepreneurship/Startup, Innovation	Motivational speak	Institute Lead Activity	Entrepreneurship Development Cell (EDC)	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	230	40	18	7	295	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13000	No
2	Data Analytics for Managers by Dr. D. V. Srinivas	Innovation	Seminar	Institute Lead Activity	Entrepreneurship Development Cell (EDC)	29-08-2019 00:00:00	29-08-2019 00:00:00	1	Within Campus	104	16	12	2	134	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
3	ISRO - Young Scientists Program	Innovation	Motivational speak	Student Lead Activity	Telangana Minority Residential School	03-03-2020 00:00:00	03-03-2020 00:00:00	1	Outside Campus	15	7	115	6	143	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
4	Talk on Innovation Entrepreneurship and Technology by Mr Georg M. Schullige	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Entrepreneurship Development Cell (EDC)	04-03-2020 00:00:00	04-03-2020 00:00:00	1	Within Campus	250	18	20	12	300	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
5	Talk on How to Be a Winner by Liyaqath Shaik	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	Entrepreneurship Development Cell (EDC)	22-04-2019 00:00:00	22-04-2019 00:00:00	1	Within Campus	190	20	35	7	252	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
6	Project Identification by Mr. K. V. Thirumala Rao	Innovation	Seminar	Institute Lead Activity	Entrepreneurship Development Cell (EDC)	23-04-2019 00:00:00	23-04-2019 00:00:00	1	Within Campus	260	16	22	12	310	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16000	No

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

7	Smart Idea Contest - Pitch and Win	Entrepreneurship/Startup	Innovation Contest	Institute Lead Activity	Entrepreneurship Development Cell (EDC)	28-03-2020 00:00:00	30-03-2020 00:00:00	3	Within Campus	183	44	35	8	270	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	Award / Position / Recognition Secured	Best Idea Award
																Title of Innovation / Start-up Secured the Award / Recognition	Bizrah Health and Lifestyle Pvt. Ltd.	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

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	AI for Healthcare	Innovation	Seminar	International Institute of Information Technology (IIIT-Hyderabad)	Educational Institute	14-02-2020 00:00:00	14-02-2020 00:00:00	1	30	2	32	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
2	Visit to Technology business incubator	Entrepreneurship/Startup	Exposure visit	BITS Pilani, Hyderabad	Educational Institute	11-02-2020 00:00:00	11-02-2020 00:00:00	1	24	1	25	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
3	Innovations in Manufacturing	Innovation	Exposure visit	ALEAP WE HUB	Corporate / Industry Association	24-01-2020 00:00:00	24-01-2020 00:00:00	1	22	4	26	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
4	The Open Application Network (Blockchain Technology)	Innovation	Awareness	Blockchain India	Non-Govt. Agencies	25-01-2020 00:00:00	25-01-2020 00:00:00	1	20	1	21	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No

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

5	Why Build on Algorand (Blockchain Technology) by Jing Chen	Innovation	Exposure visit	Blockchain India	Non-Govt. Agencies	08-02-2020 00:00:00	08-02-2020 00:00:00	1	10	1	11	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No						
6	Game of Codes v1.0	Entrepreneurship/Startup	Hackathon	ISL Engineering College	Educational Institute	07-03-2020 00:00:00	08-03-2020 00:00:00	2	40	12	52	Yes	2nd Prize	LI-FI Light Fidelity for Fastest Data Transmission	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>LI-FI Light Fidelity for Fastest Data Transmission</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd Prize	Title of Innovation / Start-up Secured the Award / Recognition	LI-FI Light Fidelity for Fastest Data Transmission	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	2nd Prize																						
Title of Innovation / Start-up Secured the Award / Recognition	LI-FI Light Fidelity for Fastest Data Transmission																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
7	The Rural Innovators Startup Conclave	Entrepreneurship/Startup	Innovation Contest	National Institute of Rural Development and Panchayat Raj	Govt. Agency (Central)	27-09-2019 00:00:00	28-09-2019 00:00:00	2	18	3	21	Yes	Second Prize	Water Scarcity Explication	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Second Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Water Scarcity Explication</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Second Prize	Title of Innovation / Start-up Secured the Award / Recognition	Water Scarcity Explication	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Second Prize																						
Title of Innovation / Start-up Secured the Award / Recognition	Water Scarcity Explication																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

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 Rights	IPR	Elective/Core Credit Course	Bachelor	Electronics and Communication Engineering	15-07-2019	13-11-2019	122	Offline	32	30
2	Entrepreneurship and Small Business Enterprises	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electronics and Communication Engineering	16-12-2019	07-04-2020	114	Offline	75	30

3	Research Methodology and Intellectual Property Rights	IPR	Elective/Core Credit Course	Master	Electrical and Electronics Engineering	26-08-2019	07-03-2020	195	Offline	9	30
4	Research Methodology and Intellectual Property Rights	IPR	Elective/Core Credit Course	Master	Civil Engineering	18-09-2019	18-12-2019	92	Offline	36	30

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

Smo	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	Campus Recruitment Training (CRT)	Innovation	Employment Generation Training Programs	Career Guidance Training and Placements	05-08-2019	17-08-2019	13	Offline	546	60
2	Technical Training	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Career Guidance Training and Placements	10-03-2020	20-03-2020	11	Offline	267	60
3	Power Electronics Application to Renewable Energy Sources	Innovation	FDP in I&E / IPR	Electrical and Electronics Engineering	08-10-2019	12-10-2019	5	Offline	11	30
4	Microgrids and Grid Integration Techniques for Distributed Energy Resources	Innovation	FDP in I&E / IPR	Electrical and Electronics Engineering	24-05-2020	28-05-2020	5	Online	9	30
5	Perl Scripting	Innovation	FDP in I&E / IPR	Computer Science and Engineering	10-06-2020	14-06-2020	5	Online	91	30
6	Elevate - Connecting to Inspire	Entrepreneurship/Startup	FDP in I&E / IPR	Computer Science and Engineering	21-10-2019	25-10-2019	5	Offline	23	30
7	Advanced Trends in Mechanical Engineering	Innovation	FDP in I&E / IPR	Mechanical Engineering	22-06-2020	27-06-2020	6	Online	200	30

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)

Smo	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	Dr. Hafeez Basha Ranipet	Technology Business Incubator	Director	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Nexus Incubator Management Training Program	Entrepreneurship/Startup	FDP in I&E, IPR	The University of Texas at Austin	International Agencies	25-05-2019 00:00:00	26-05-2019 00:00:00	2	Offline
2	Jiddu Jayalakshmi	Master of Business Administration (MBA)	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovative Trends in Data Analytics with AI	Innovation	FDP in I&E, IPR	Malineni Lakshmaiah Womens Engineering College	Educational Institute	26-05-2020 00:00:00	30-05-2020 00:00:00	5	Offline
3	Vanitha Kasturi Bangla	Master of Business Administration (MBA)	Assistant Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Webinar on Innovation and Entrepreneurship	Entrepreneurship/Startup	Short term Certificate	Vidya Jyothi Institute of Technology	Educational Institute	19-09-2020 00:00:00	19-09-2020 00:00:00	1	Online
4	Dr. Shaik Khaleel Ahmed	Computer Science and Engineering		Associate Professor		No		Yes	

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
Natural Language Processing in Artificial Intelligence	Innovation	FDP in I&E, IPR	Guntur Engineering College	Educational Institute	17-06-2020 00:00:00	21-06-2020 00:00:00	5	Online
Big Data Tools	Innovation	FDP in I&E, IPR	St. Martin's Engineering College	Educational Institute	18-05-2020 00:00:00	23-05-2020 00:00:00	6	Online
Data Science using Machine Learning Algorithms	Innovation	FDP in I&E, IPR	SVR Engineering College	Educational Institute	26-05-2020 00:00:00	26-05-2020 00:00:00	1	Online
Developing Potentials - Emerging Technologies of Computer Science	Innovation	FDP in I&E, IPR	Vidya Jyothi Institute of Technology	Educational Institute	01-07-2020 00:00:00	07-07-2020 00:00:00	7	Online
IBM Cloud Services, Technologies and Applications	Innovation	FDP in I&E, IPR	Bharat Institute of Engineering and Technology	Educational Institute	22-06-2020 00:00:00	27-06-2020 00:00:00	6	Online
Research Trends in Image Processing	Innovation	FDP in I&E, IPR	GATES Institute of Technology	Educational Institute	15-06-2020 00:00:00	19-06-2020 00:00:00	5	Online
Role of Machine Learning and Data Sciences in AI	Innovation	FDP in I&E, IPR	Mahatma Gandhi Institute of Technology	Educational Institute	28-06-2020 00:00:00	02-07-2020 00:00:00	5	Online
Research Trends in Image Processing with Machine Learning and Deep Learning	Innovation	FDP in I&E, IPR	G. Pulla Reddy Engineering College	Educational Institute	21-07-2020 00:00:00	25-07-2020 00:00:00	5	Online
Advanced Python Programming using Django	Innovation	FDP in I&E, IPR	Malineni Lakshmaiah Women's Engineering College	Educational Institute	21-05-2020 00:00:00	25-05-2020 00:00:00	5	Online
Latest Trends and Challenges in IT Industry	Innovation	FDP in I&E, IPR	RMD Engineering College	Educational Institute	15-06-2020 00:00:00	20-06-2020 00:00:00	6	Online
Artificial Intelligence	Innovation	FDP in I&E, IPR	Vignan's Institute of Engineering for Women	Educational Institute	22-05-2020 00:00:00	26-05-2020 00:00:00	5	Online
Data Science and Analytics	Innovation	FDP in I&E, IPR	Anurag University	Educational Institute	07-07-2020 00:00:00	11-07-2020 00:00:00	5	Online
Advanced Data Science and its Applications	Innovation	FDP in I&E, IPR	BVRIT Hyderabad College of Engineering for Women	Educational Institute	22-06-2020 00:00:00	26-06-2020 00:00:00	5	Online
Cyber Security Techniques and Tools	Innovation	FDP in I&E, IPR	Sai Ram Engineering College	Educational Institute	15-06-2020 00:00:00	19-06-2020 00:00:00	5	Online
Next Generation Software Tools and Trends for Industrial Solutions: Current Practices	Innovation	FDP in I&E, IPR	Government College of Engineering Aurangabad	Educational Institute	13-06-2020 00:00:00	17-06-2020 00:00:00	5	Online
Cyber Security	Innovation	FDP in I&E, IPR	Sreyas Institute of Engineering and Technology	Educational Institute	19-06-2020 00:00:00	24-06-2020 00:00:00	6	Online

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Dr. SRM Krishna

Computer Science and Engineering

Professor

No

Yes

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	The Impacts of Artificial Intelligence & COVID-19 on Employment and Entrepreneurship	Entrepreneurship/Startup	Short term Certificate	3G Institute of Research and Policy Studies	Corporate / Industry Association	18-12-2020 00:00:00	20-12-2020 00:00:00	3	Offline
6	Abdul Rais Abdul Waheed	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Introduction to Internet of Things	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	01-07-2019 00:00:00	31-10-2019 00:00:00	123	Online
	PHP and MySQL	Innovation	FDP in I&E, IPR	Sridevi Women's Engineering College	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Online
	Role of Machine Learning and Data Sciences in AI	Innovation	FDP in I&E, IPR	Mahatma Gandhi Institute of Technology	Educational Institute	28-06-2020 00:00:00	02-07-2020 00:00:00	5	Online
7	Mohammed Safiuddin	Civil Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Advanced Concrete Technology	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	01-09-2020 00:00:00	31-12-2020 00:00:00	122	Online
	Advanced Topics in the Science and Technology of Concrete	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	01-01-2020 00:00:00	29-02-2020 00:00:00	60	Online
	Maintenance and Repair of Concrete Structures	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	01-01-2020 00:00:00	30-04-2020 00:00:00	121	Online
	Construction Technology	Innovation	FDP in I&E, IPR	Maulana Azad National Urdu University	Educational Institute	23-11-2020 00:00:00	27-11-2020 00:00:00	5	Online
8	Abdul Rasool MD	Computer Science and Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Advanced Python Programming using DJANGO	Innovation	FDP in I&E, IPR	Malineni Lakshmaiah Women's Engineering College	Educational Institute	21-05-2020 00:00:00	25-05-2020 00:00:00	5	Online
	PHP and My SQL	Innovation	FDP in I&E, IPR	Sridevi Women's Engineering College	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Online
	Innovative Trends in Data Analysis with AI	Innovation	FDP in I&E, IPR	Malineni Lakshmaiah Women's Engineering College	Educational Institute	26-05-2020 00:00:00	30-05-2020 00:00:00	5	Online
	Artificial Intelligence and Data Science	Innovation	FDP in I&E, IPR	Oriental Institute of Science and Technology	Educational Institute	10-06-2020 00:00:00	14-06-2020 00:00:00	5	Online
	Perl Scripting	Innovation	FDP in I&E, IPR	Lords Institute of Engineering and Technology	Educational Institute	10-06-2020 00:00:00	14-06-2020 00:00:00	5	Online

9	Dr. P. Mahes Kumar	Electrical and Electronics	Associate Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Real-time Hardware-in-Loop (HIL) simulation of Power Electronics and Power Systems	Innovation	FDP in I&E, IPR	Anurag University	Educational Institute	27-05-2020 00:00:00	29-05-2020 00:00:00	3	Online
	Electrical Safety	Innovation	FDP in I&E, IPR	Joginapally B.R Engineering College	Educational Institute	29-05-2020 00:00:00	31-05-2020 00:00:00	3	Online
	Fundamentals of Computer Networks	Innovation	FDP in I&E, IPR	Holy Mary Institute of Technology	Educational Institute	26-05-2020 00:00:00	31-05-2020 00:00:00	6	Online
	Renewable Energy Scenario in India	Innovation	FDP in I&E, IPR	Methodist College of Engineering and Technology	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Online
	Power Electronics Application to Renewable Energy Sources	Innovation	FDP in I&E, IPR	Lords Institute of Engineering and Technology	Educational Institute	08-10-2019 00:00:00	12-10-2019 00:00:00	5	Offline
	Microgrids and Grid Integration Techniques for Distributed Energy Resources	Innovation	FDP in I&E, IPR	Lords Institute of Engineering and Technology	Educational Institute	24-05-2020 00:00:00	28-05-2020 00:00:00	5	Online
10	Dr. T. K. Shaik Shavali	Computer Science and Engineering	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	HTML, CSS, Python Programming	Innovation	FDP in I&E, IPR	JNTU Hyderabad	Educational Institute	05-08-2019 00:00:00	10-08-2019 00:00:00	6	Offline
	Block Chain Technology	Innovation	FDP in I&E, IPR	Tirumala Engineering College	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
	Artificial Intelligence	Innovation	FDP in I&E, IPR	Anil Neerukonda Institute of Technology & Sciences	Educational Institute	22-05-2020 00:00:00	26-05-2020 00:00:00	5	Online
	Cyber Security	Innovation	FDP in I&E, IPR	Anil Neerukonda Institute of Technology & Sciences	Educational Institute	28-05-2020 00:00:00	01-06-2020 00:00:00	5	Online
	Research Methodology Tools and Techniques	Innovation	EDP in I&E, IPR	Priyadarshini College of Engineering	Educational Institute	29-05-2020 00:00:00	02-06-2020 00:00:00	5	Online
	Big Data Engineering	Innovation	FDP in I&E, IPR	Kings Engineering College	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Online
	Research Proposals and Funding Opportunities	Innovation	FDP in I&E, IPR	Tirumala Engineering College	Educational Institute	03-06-2020 00:00:00	09-06-2020 00:00:00	7	Online
	Perl Scripting	Innovation	FDP in I&E, IPR	Lords Institute of Engineering and Technology	Educational Institute	10-06-2020 00:00:00	14-06-2020 00:00:00	5	Online
New Trends in Image Processing Approaches for Forensic Surveillance Application	Innovation	FDP in I&E, IPR	Anurag Group of Institutions	Educational Institute	29-04-2019 00:00:00	03-05-2019 00:00:00	5	Offline	
11	Dr. J. Sasi Kiran	Computer Science and Engineering	Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Computational Intelligence Technical Tool and its Applications	Innovation	FDP in I&E, IPR	Muffakham Jah College of Engineering and Technology	Educational Institute	06-01-2020 00:00:00	11-01-2020 00:00:00	6	Offline
	Perl Scripting	Innovation	FDP in I&E, IPR	Lords Institute of Engineering and Technology	Educational Institute	10-06-2020 00:00:00	14-06-2020 00:00:00	5	Online
	New Trends in Image Processing Approaches for Forensic Surveillance Application	Innovation	FDP in I&E, IPR	Anurag Group of Institutions	Educational Institute	29-04-2019 00:00:00	03-05-2019 00:00:00	5	Offline
12	Dr. Sreenivasulumanda	Computer Science and Engineering	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Computational Intelligence Technical Tool and its Applications	Innovation	FDP in I&E, IPR	Muffakham Jah College of Engineering and Technology	Educational Institute	06-01-2020 00:00:00	11-01-2020 00:00:00	6	Offline
13	Dr. K. Venkataramana	Computer Science and Engineering	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Computational Intelligence Technical Tool and its Applications	Innovation	FDP in I&E, IPR	Muffakham Jah College of Engineering and Technology	Educational Institute	06-01-2020 00:00:00	11-01-2020 00:00:00	6	Offline
14	Ashlesha Kolarkar	Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	PHP and MySQL	Innovation	FDP in I&E, IPR	Sridevi Women's Engineering College	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Online
	Artificial Intelligence	Innovation	FDP in I&E, IPR	Vignan Bharathi Engineering College	Educational Institute	22-05-2020 00:00:00	26-05-2020 00:00:00	5	Online
	Advanced Python Programming using DJANGO	Innovation	FDP in I&E, IPR	CMR Engineering College	Educational Institute	08-06-2020 00:00:00	13-06-2020 00:00:00	6	Online
	Artificial Intelligence and Data Science	Innovation	FDP in I&E, IPR	Oriental Institute of Science and Technology	Educational Institute	10-06-2020 00:00:00	14-06-2020 00:00:00	5	Online
	Perl Scripting	Innovation	FDP in I&E, IPR	Lords Institute of Engineering and Technology	Educational Institute	10-06-2020 00:00:00	14-06-2020 00:00:00	5	Online
	Cyber Security	Innovation	FDP in I&E, IPR	Sreyas Institute of Engineering and Technology	Educational Institute	19-06-2020 00:00:00	24-06-2020 00:00:00	6	Online
15	Dr. K. Nagi Reddy	Computer Science and Engineering	Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	New Trends in Image Processing Approaches for Forensic Surveillance Application	Innovation	FDP in I&E, IPR	Anurag Group of Institutions	Educational Institute	29-04-2019 00:00:00	03-05-2019 00:00:00	5	Offline
16	Dr. Y. Raja Sree Rao	Electronics and Communication Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Virtual Instrumentation using Labview	Innovation	FDP in I&E, IPR	Sri Venkateshwara College of Engineering and Technology	Educational Institute	18-11-2019 00:00:00	20-11-2019 00:00:00	3	Offline
	Microprocessors and Microcontrollers	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	06-01-2020 00:00:00	24-03-2020 00:00:00	79	Online
17	Dr. Pujali Maniganda	Electronics and Communication Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Virtual Instrumentation using Labview	Innovation	FDP in I&E, IPR	Sri Venkateshwara College of Engineering and Technology	Educational Institute	18-11-2019 00:00:00	20-11-2019 00:00:00	3	Offline
18	Dr. C. Karthik	Electronics and Communication Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Virtual Instrumentation using Labview	Innovation	FDP in I&E, IPR	Sri Venkateshwara College of Engineering and Technology	Educational Institute	18-11-2019 00:00:00	20-11-2019 00:00:00	3	Offline
19	Abdul Wasey Mudasser	Electronics and Communication Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Artificial Intelligence	Innovation	FDP in I&E, IPR	Vignan's Institute of Engineering for Women	Educational Institute	22-05-2020 00:00:00	26-05-2020 00:00:00	5	Online
	Technology Assisted Teaching Tools	Innovation	FDP in I&E, IPR	Coimbatore Institute of Technology	Educational Institute	29-05-2020 00:00:00	30-05-2020 00:00:00	2	Online
20	Dr. Syed Nawazish Mehdi	Mechanical Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Advanced Trends in Mechanical Engineering	Innovation	FDP in I&E, IPR	Lords Institute of Engineering and Technology	Educational Institute	22-06-2020 00:00:00	27-06-2020 00:00:00	6	Online
21	Dr. Syed Azam Pasha Quadri	Mechanical Engineering		Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Advanced Trends in Mechanical Engineering	Innovation	FDP in I&E, IPR	Lords Institute of Engineering and Technology	Educational Institute	22-06-2020 00:00:00	27-06-2020 00:00:00	6	Online
22	Dunga Simhana Devi		Mechanical Engineering	Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Advanced Trend in Mechanical Engineering	Innovation	FDP in I&E, IPR	Lords Institute of Engineering and Technology	Educational Institute	22-06-2020 00:00:00	27-06-2020 00:00:00	6	Online
23	Udayan Bakshi		Technology Business Incubator	Chief Executive Officer		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Design Thinking for Innovation	Innovation	Short term Certificate	Darden School of Business	International Agencies	16-04-2020 00:00:00	22-04-2020 00:00:00	7	Online

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	Coding Club	Innovation Club	2018	Work Stations	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park	2	Mohd Abdul Mannan	abdulmannan240402@gmail.com	8885291856
2	Social Service Club	Startup Club	2018	Co-working Space	Pre-Incubation Unit, Incubation Unit, Innovation Labs	7	Issamuddin	Issamuddin.111@gmail.com	9666057076
3	Photography Club	Startup Club	2018	Co-working Space	Pre-Incubation Unit, Incubation Unit	2	Mohammed Misbahuddin	mizbah012@gmail.com	9000541607
4	Women Entrepreneurs Club	Startup Club	2016	Co-working Space, Work Stations	Pre-Incubation Unit, Incubation Unit, Innovation Labs	6	Asfiya Samreen	asfiya74@gmail.com	9121341302
5	Robotics Club	Innovation Club	2018	3D Printing	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park	8	Mirza Taha Ali Khan	tahaalikhan03@gmail.com	7032211472
6	Talkspiration Club	Idea Club	2016	None	Pre-Incubation Unit	2	Maheen Fatimah	maheen5fatimah@gmail.com	9703780153

7	Human Resources Club	Idea Club	2016	Co-working Space, Work Stations	Pre-Incubation Unit, Incubation Unit	5	Abubakr Syed Masood	abubakrsyedmasood@gmail.com	9652961806
8	Blockchain Club	Innovation Club	2018	Co-working Space, Work Stations	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park	3	Mohammed Saifuddin	mohammedsaifuddin0420@gmail.com	9866575786
9	ACE	Innovation Club	2017	Work Stations	Pre-Incubation Unit	2	Ubaidullah Khan	ullahubaid5@gmail.com	8686701197
10	TAMEER	Innovation Club	2013	None	Pre-Incubation Unit, Centre of Excellence with Advance Tools	6	Shaik Mohammed Tajdar Ali Taj	tshaik21@gmail.com	9550592730
11	Orators Club	Idea Club	2010	None	Pre-Incubation Unit	8	Mohamad Azeem Nurmahamad Mujawar	azeemmdthinker1@gmail.com	9642185089
12	ANIONS	Innovation Club	2016	None	Pre-Incubation Unit	5	Mohammed Sarfaraz	sarfazarazmohammed1999@gmail.com	8309933501
13	MEGSO	Innovation Club	2015	3D Printing	Pre-Incubation Unit	4	Shaik Asgar Ali Ahmed	shaikasgaraliamed@gmail.com	779922015

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?
							Facility Incharge Name	Facility Incharge Email				
1	Lords Entrepreneurship Development Cell	EDC	2015	Co-working Space, Work Stations	Incubation Unit, Student Clubs	Incubation Unit, Student Clubs	Facility Incharge Name	Dr. Hafeez Basha	10	Yes	No	Yes
							Facility Incharge Email	drhafeezbasha@lords.ac.in				
							Facility Incharge Phone	9866587053				
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	
Institute's Own Fund / Resource						Lords Educational Society			Educational Institute		100000	

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

					Facility											
1	Data Science Center of Excellence	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. Shaik Khaleel Ahamed</td> </tr> <tr> <td>Facility Incharge Email</td> <td>drkhalaelahamed@lords.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9949182786</td> </tr> </table>	Facility Incharge Name	Dr. Shaik Khaleel Ahamed	Facility Incharge Email	drkhalaelahamed@lords.ac.in	Facility Incharge Phone	9949182786	8	No	No		Yes
Facility Incharge Name	Dr. Shaik Khaleel Ahamed															
Facility Incharge Email	drkhalaelahamed@lords.ac.in															
Facility Incharge Phone	9949182786															
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		Lords Educational Society			Educational Institute		1865000									
2	Embedded Systems Center of Excellence	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>Abdul Wasay Mudasser</td> </tr> <tr> <td>Facility Incharge Email</td> <td>abdulwasay@lords.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9885300909</td> </tr> </table>	Facility Incharge Name	Abdul Wasay Mudasser	Facility Incharge Email	abdulwasay@lords.ac.in	Facility Incharge Phone	9885300909	6	No	No		Yes
Facility Incharge Name	Abdul Wasay Mudasser															
Facility Incharge Email	abdulwasay@lords.ac.in															
Facility Incharge Phone	9885300909															
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		Lords Educational Society			Educational Institute		2440000									
3	Renewable Energy Center of Excellence	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. Santhan Kumar Cherukuri</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodee@lords.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9885554065</td> </tr> </table>	Facility Incharge Name	Dr. Santhan Kumar Cherukuri	Facility Incharge Email	hodee@lords.ac.in	Facility Incharge Phone	9885554065	5	No	No		Yes
Facility Incharge Name	Dr. Santhan Kumar Cherukuri															
Facility Incharge Email	hodee@lords.ac.in															
Facility Incharge Phone	9885554065															

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

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		Lords Educational Society		Educational Institute		3682000									
4	Construction Material Quality Control and Testing - Center of Excellence	2017	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs	Greater Hyderabad Municipal Corporation (GHMC)	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Syed Anisud din</td> </tr> <tr> <td>Facility Incharge Email</td> <td>syedan eesud din@lords.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>86397 82293</td> </tr> </table>	Facility Incharge Name	Dr. Syed Anisud din	Facility Incharge Email	syedan eesud din@lords.ac.in	Facility Incharge Phone	86397 82293	12	No	No	Yes
Facility Incharge Name	Dr. Syed Anisud din														
Facility Incharge Email	syedan eesud din@lords.ac.in														
Facility Incharge Phone	86397 82293														
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)									
Funding Agency		Greater Hyderabad Municipal Corporation (GHMC)		Govt. Agency (Central)		3214000									
Institute's Own Fund / Resource		Lords Educational Society		Educational Institute		600000									
5	Internal Combustion Engine - Center of Excellence	2013	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs	AICTE MODROBS	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Syed Azam Pasha Quadri</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodmech@lords.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>77801 91067</td> </tr> </table>	Facility Incharge Name	Dr. Syed Azam Pasha Quadri	Facility Incharge Email	hodmech@lords.ac.in	Facility Incharge Phone	77801 91067	7	No	No	Yes
Facility Incharge Name	Dr. Syed Azam Pasha Quadri														
Facility Incharge Email	hodmech@lords.ac.in														
Facility Incharge Phone	77801 91067														
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)									
Funding Agency		AICTE MODROBS		Govt. Agency (Central)		1175000									
Institute's Own Fund / Resource		Lords Educational Society		Educational Institute		400000									

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?
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List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

1	Lords Technology Business Incubator	2019	Pre-Incubation, Student Clubs	MSME Host Institute	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Hafeez Basha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>drhafeezbasha@lords.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98665 87053</td> </tr> </table>	Facility Incharge Name	Dr. Hafeez Basha	Facility Incharge Email	drhafeezbasha@lords.ac.in	Facility Incharge Phone	98665 87053	5	Yes	No	Yes
Facility Incharge Name	Dr. Hafeez Basha														
Facility Incharge Email	drhafeezbasha@lords.ac.in														
Facility Incharge Phone	98665 87053														
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		Lords Educational Society			Educational Institute		700000								

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	Lords Technology Park	2019	Pre-Incubation, Incubation Unit, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Hafeez Basha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>drhafeezbasha@lords.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98665 87053</td> </tr> </table>	Facility Incharge Name	Dr. Hafeez Basha	Facility Incharge Email	drhafeezbasha@lords.ac.in	Facility Incharge Phone	98665 87053	5	Yes	No	Yes
Facility Incharge Name	Dr. Hafeez Basha														
Facility Incharge Email	drhafeezbasha@lords.ac.in														
Facility Incharge Phone	98665 87053														
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		Lords Educational Society			Educational Institute		1200000								

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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List the IPR Cell/Technology Transfer Centre Facilities at the HEI

1	Lords IPR Cell	2019	Pre-Incubation, Incubation Unit, Innovation Park/Research Park, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Hafeez Basha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>drhafeezbasha@lords.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9866587053</td> </tr> </table>	Facility Incharge Name	Dr. Hafeez Basha	Facility Incharge Email	drhafeezbasha@lords.ac.in	Facility Incharge Phone	9866587053	5	Yes	No	Yes
Facility Incharge Name	Dr. Hafeez Basha														
Facility Incharge Email	drhafeezbasha@lords.ac.in														
Facility Incharge Phone	9866587053														
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		Lords Educational Society			Educational Institute		100000								

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	Dr. Hafeez Basha Ranipet	Director	Entrepreneurship/Startup Development	14
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Illa Enterprises Partnership Firm		Outside	
	Robogyaan OPC Private Limited		Outside	U73100AP2020OPC115967
	NatureSani Private Limited		Outside	U90009TG2017PTC119165
SC Enterprises Partnership Firm		Within		
2	Dr. Shaik Khaleel Ahmed	Associate Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Scalable and Secure Data Sharing of Sensitive Information preservation with effective search mechanism		Within	
	System and Method to Predict Rheumatoid Arthritis (RA)		Within	
	Customer Retention System for Retail Enterprises using Multi-phase Clustering Data Mining Technique		Within	
System to Identify Rare Defects in a Micro Scale Product using Machine Learning		Within		
3	Dr. SRM Krishna	Professor	Idea/Innovation Development	14
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Securing the Computer Network from the malicious attack by enabling network administrator to implement set of specific configuration on the network		Within		
4	Dr. T. K. Shaik Shavali	Professor	Idea/Innovation Development	23

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Bizrah Health and Lifestyle Private Limited		Within	U85300TG2021PTC147986
5	Dr. Syed Nawazish Mehdi	Professor	Idea/Innovation Development	30
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Construction of Mini Biogas Plant		Within	
6	Dr. Syed Azam Pasha Quadri	Professor	Idea/Innovation Development	23
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Study and Fabrication of Turbo Charged Bike		Within	
	Fabrication of E-Bike with Air Purifier		Within	
	Design and Fabrication of an Electric Kart		Within	
	Fabrication of Oxy-Hydrogen powered bike		Within	
	Design and Fabrication of Electric Golf Cart		Within	
	Smart Vapourised Disinfectant Cave		Within	
Motorised Drift Trike		Within		
7	Dunga Simhana Devi	Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Fabrication of Seed Sower, Weeder and Water Sprayer		Within	
8	Mohammed Safiuddin	Associate Professor	Idea/Innovation Development	24
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Light Weight Bricks made by using Recycled Waste Discarded Plastic		Within	
	Precast Rural Roads		Within	
	Low Emission Building		Within	
Water Scarcity Explication		Within		
9	Abdul Wasey Mudasser	Associate Professor	Idea/Innovation Development	11

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Sterilizing and Disinfecting Device for Money Counting Machine using Ultraviolet Rays		Within	
	Pulse based diagnostic equipment		Within	
	Face Detection Camera for Attendance Recording		Within	
	Location tracking based women safety system using electric shock		Within	
	AI Based assistance for visually impaired people using text to speech		Within	
10	Dunga Simhana Devi	Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Fabrication of Seed Sower, Weeder and Water Sprayer		Within	
11	Dr. Y. Raja Sree Rao	Professor	Idea/Innovation Development	31
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	A Safety System for mine workers in heavy industries		Within	
	Multi purpose military service robot using wireless network setup		Within	
12	Abdul Rasool MD	Associate Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Motion Simulating Robot through Hand Gestures		Within	
	Compost Heap Audit		Within	
13	Udayan Bakshi	Chief Executive Officer	Entrepreneurship/Startup Development	20
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Self-propelled device for transportation using Flux Force instead of Electricity or Fuel		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	Mentor Expert Area	Type of Mentorship
1	Ravi Ranjan	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Aditya Gautam	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Uttam Panda	Entrepreneurship/Startup Development	Unstructured Mentorship
4	Jawwad Patel	Entrepreneurship/Startup Development	Unstructured Mentorship
5	Manoj Sanker	Entrepreneurship/Startup Development	Unstructured Mentorship
6	Satya Illa	Idea/Innovation Development	Unstructured Mentorship

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

7	Suvarna Bhat	Idea/Innovation Development	Unstructured Mentorship
8	Dipika Trehan	Idea/Innovation Development	Unstructured Mentorship
9	Mriganka Das	Idea/Innovation Development	Unstructured Mentorship
10	Swati Maheshwari	Entrepreneurship/Startup Development	Unstructured Mentorship
11	Durga Nagendra Akash Mallareddy	Idea/Innovation Development	Unstructured Mentorship
12	Jai Eapen	Entrepreneurship/Startup Development	Unstructured Mentorship
13	Daman Sood	Idea/Innovation Development	Unstructured Mentorship
14	Shyam Kumar Katta	Entrepreneurship/Startup Development	Unstructured Mentorship
15	Gopinadh Reddy	Entrepreneurship/Startup Development	Unstructured Mentorship
16	Vishnu Chowdhary	Idea/Innovation Development	Unstructured Mentorship
17	Rahul Kumar Jain	Idea/Innovation Development	Unstructured Mentorship
18	Diwakar Singh	Idea/Innovation Development	Unstructured Mentorship
19	Abdul Basit Saboowala	Idea/Innovation Development	Unstructured Mentorship
20	Hina Siddiqui	Entrepreneurship/Startup Development	Unstructured Mentorship
21	Soujanya Vishwanath	Idea/Innovation Development	Unstructured Mentorship
22	Mohammad Maaz Husain	Idea/Innovation Development	Unstructured Mentorship
23	Srinath Mysore Nagendra	Idea/Innovation Development	Unstructured Mentorship

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
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1	Sterilizing and Disinfecting Device for Money Counting Machine using Ultraviolet Rays	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	Yes	Grant Amount in Rs 15000	Yes	No									
	Name		Type			Gender		Email			Contact											
	Sohrab Samad		Student			Male		blessedwords@gmail.com			9381296671											
	Name		Type			Gender		Email			Contact											
Abdul Rahman		Student			Male		abdulrahmansaleem13@gmail.com			8121460081												
Mohd Sumair Khan		Student			Male		mdsumairkhan12@gmail.com			7013069484												
2	Pulse based diagnostic equipment	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technological formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	Yes	Grant Amount in Rs 10000	No	No									
	Name		Type			Gender		Email			Contact											
	Syed Mohammed Siraj Ul Haq		Student			Male		sirajs2143@gmail.com			9052651003											
												3										
Name		Type			Gender		Email			Contact												
Face Detection Camera for Attendance Recording		Product Innovation Technological			Student		TRL 0 : Idea. Unproven concept, no testing has been performed .		TRL 2 : Technological formulation. Concept and application have been formulated .		Innovation Development Ongoing		No		Yes		Grant Amount in Rs 10000		No		No	
Name		Type			Gender		Email			Contact												
Abdul Rahman Bin Salam		Student			Male		abbu2100@gmail.com			9346120980												
												4										
Name		Type			Gender		Email			Contact												
Mohammed Sarfaraz		Student			Male		sarfarazmohammed1999@gmail.com			8897025038												
Syed Mohammed Siraj Ul Haq		Student			Male		sirajs2143@gmail.com			9052651003												

Digital Platform for facilitating Cupping Therapy at home	Service Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 9 : Full commercial application , technology available for consumers.	Innovation Development Completed	No	Yes	Grant Amount in Rs	10000	Yes	No
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Name	Type	Gender	Email	Contact
Adnan Ali Khan	Student	Male	info@bizrah.in	8247026579

Name	Type	Gender	Email	Contact
Fatima Khadar Basha Shaik	Student	Female	care@bizrah.in	9746254673
T K Shaik Shavali	Faculty	Male	shaikshavali@lords.ac.in	9849133973

Smart Vaporized Disinfect or Cave	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs	50000	No	No
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Name	Type	Gender	Email	Contact
Dr. Syed Azam Pasha Quadri	Faculty	Male	hodmech@lords.ac.in	7780191067

Name	Type	Gender	Email	Contact
Nithin Chandra Manas	Faculty	Male	nithinchandramanas@lords.ac.in	9676426318
Mohd Abdul Subhan	Student	Male	mohdsubhan617@gmail.com	8106910163
Mohammed Mastaan	Student	Male	abbumastaan88010@gmail.com	9490416105
Mohammed Abdul Basith	Student	Male	abdul818basith@gmail.com	8187864461
Muneebuddin	Student	Male	muneeb.uddin39@gmail.com	9640115597
Mohammed Asif	Student	Male	ma7033695@gmail.com	7097678902

Light Weight Bricks made by using Recycled Waste Discarded Plastic	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	Yes	Grant Amount in Rs	15000	Yes	No
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Name	Type	Gender	Email	Contact
Mohammed Zaifuddin Zumair	Student	Male	zaifmd4@gmail.com	9700826707

5

6

Name
Email

7	Natural and Biodegradable Carry bags to replace Plastic	Product Innovation	Non-Technological / Social / Community Innovation		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	Yes	Grant Amount in Rs 10000	No	No							
Name		Type			Gender		Email			Contact										
Mohammed Azhar Mohiuddin		Student			Male		mailbioreform@gmail.com			8179034254										
Name		Type			Gender		Email			Contact										
Mohammed Mujeebuddin		Incubatee Entrepreneur			Male		mohdmujeebaamer@gmail.com			9440156751										
8	Geo friendly material based water tank to avoid formation of Algae and water borne diseases	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	Yes	Grant Amount in Rs 10000	No	No							
Name		Type			Gender		Email			Contact										
Shaik Mohammed Tajdar Ali Taj		Student			Male		tshaik21@gmail.com			9550592730										
Name		Type			Gender		Email			Contact										
Suebha Khatoon		Faculty			Female		rehana.shaik91@gmail.com			9963104438										
9	Development of Geopolymer mortar based construction material by using glass powder	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	<table border="1"> <tr> <td>Agency Name</td> <td>Lords Institute of Engineering and Technology</td> </tr> <tr> <td>Agency Type</td> <td>Educational Institute</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Project Award</td> </tr> </table>		Agency Name	Lords Institute of Engineering and Technology	Agency Type	Educational Institute	Award / Position / Recognition Secured	Best Project Award	Yes	Grant Amount in Rs 15000	No	No
Agency Name	Lords Institute of Engineering and Technology																			
Agency Type	Educational Institute																			
Award / Position / Recognition Secured	Best Project Award																			
Name		Type			Gender		Email			Contact										
Shaik Mohammed Tajdar Ali Taj		Student			Male		tshaik21@gmail.com			9550592730										
Name		Type			Gender		Email			Contact										
Suebha Khatoon		Faculty			Female		rehana.shaik91@gmail.com			9963104438										

10	Self-propelled device for transportation using Flux Force instead of Electricity or Fuel	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	Yes	Grant Amount in Rs 10000	No	No		
Name		Type			Gender			Email			Contact				
Shaik Asgar Ali Ahmed		Student			Male			shaikasgaraliahmed@gmail.com			7799220150				
Name		Type			Gender			Email			Contact				
Mohammed Aizaz Ahmed		Student			Male			-			-				
11	Precast Rural Roads	Process Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	Agency Name NIRD	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured 1st prize	No	Grant Amount in Rs 30000	No	No
Name		Type			Gender			Email			Contact				
Mohammed Safiuddin		Faculty			Male			msafiuddin@lords.ac.in			8978942591				
Name		Type			Gender			Email			Contact				
G. M. Mujtaba		Student			Male			mohammedmujtaba287@gmail.com			8686121018				
Idress Ahmed		Student			Male			idrezahmed321@gmail.com			8978673085				
Mohd Saif Ullah		Student			Male			saifullah14288@gmail.com			8686450455				
Syed Adnan Ali		Student			Male			alirocks802@gmail.com			8179230401				
Ali Mukarram		Student			Male			mukarramali1063@gmail.com			-				

12	Low Emission Building	Process Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	Agency Name	National Institute of Rural Develop ment and Panchay at Raj	No	10 00 0	No	No
									Agency Type	Govt. Agency (Central)		Grant Amount in Rs		
									Award / Position / Recognitio n Secured	3rd Prize				

Name	Type	Gender	Email	Contact
Mohammed Safiuddin	Faculty	Male	msafiuddin@lords.ac.in	8978942591

Name	Type	Gender	Email	Contact
Basharat Aziz Shaikh	Student	Male	generousemolic786@gmail.com	7006706069
D. Suresh Chary	Student	Male	sureshchari97@gmail.com	9704714766
Syed Mustafeez Hussain	Student	Male	syedmustafeezhussain@gmail.com	9542727613
Mohd Sohail Ibrahim	Student	Male	sohailbbu@gmail.com	9182491259
Yaseen Ali Khan	Student	Male	khany2378@gmail.com	-

13	Water Scarcity Explication	Process Innovation	Technological		Student- Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	Agency Name	National Institute of Rural Develop ment and Panchay at Raj	No	30 00 0	No	No
									Agency Type	Govt. Agency (Central)		Grant Amount in Rs		
									Award / Position / Recognitio n Secured	2nd Prize				

Name	Type	Gender	Email	Contact
Mohammed Safiuddin	Faculty	Male	msafiuddin@lords.ac.in	8978942591

Name	Type	Gender	Email	Contact
Mohd Darwesh	Student	Male	mohddarwesh123@gmail.com	8179270206
Md Abubakar	Student	Male	mdmudassir226@gmail.com	7095145189
Syed Muzammil	Student	Male	syedmh98@gmail.com	7097242717
Mohd Abdul Rahman	Student	Male	mohdarehman123@gmail.com	9701604640
Mohd Abdul Shukoor	Student	Male	mashamsaberi@gmail.com	8074534202

14	Study and Fabrication of Pesticide Sprayer Drone for Agriculture	Product Innovation	Technological	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 11 00 00	No	No
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Name	Type	Gender	Email	Contact
Ramavath Suman	Faculty	Male	r.suman@lords.ac.in	9000966277

Name	Type	Gender	Email	Contact
Mohammed Muzammil Farhan	Student	Male	muzammilfarhan04@gmail.com	9700385787
Mohammed Tousif Uddin	Student	Male	tousifmohammed@gmail.com	8309061806
Mohd Abdul Nishat Ahmed	Student	Male	nishatahmed3a3@gmail.com	9032971688
Shadab Khan	Student	Male	shadab.khan13fb@gmail.com	8801835337
Syed Nayeem	Student	Male	syednayeem644@gmail.com	9030811194

15	Study and Fabrication of Turbo Charged Bike	Product Innovation	Technological	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 40 00 0	No	No
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Name	Type	Gender	Email	Contact
Dr. Syed Azam Pasha Quadri	Faculty	Male	hodmech@lords.ac.in	7780191067

Name	Type	Gender	Email	Contact
Syed Shoeb Pasha	Student	Male	shoieb5158@gmail.com	9618720827
Mohammad Owais	Student	Male	-	9704066117
Ghazi Rayyan Ahmed	Student	Male	rayyan98ahmed@gmail.com	9701169170

16	Performance Evaluation of VCR by using Double Pipe Heat Exchanger	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 35000	No	No
Name		Type			Gender			Email			Contact		
Syed Aslam		Faculty			Male			syedaslam@lords.ac.in			8886259160		
Name		Type			Gender			Email			Contact		
Md Inamur Rahman Taha		Student			Male			taha99taha@gmail.com			8801382318		
Mohammed Mahboob		Student			Male			mohammedmahboob421@gmail.com			6302070369		
Mohammed Musaab Ansari		Student			Male			mmusaabansari@gmail.com			8897503184		
Osman Anees Ahmed		Student			Male			osmananees97@gmail.com			7675052298		
Shaikh Adil Ahmed		Student			Male			shaikhadil2499@gmail.com			8374889476		
17	Fabrication of E-Bike with Air Purifier	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type			Gender			Email			Contact		
Dr. Syed Azam Pasha Quadri		Faculty			Male			hodmech@lords.ac.in			7780191067		
Name		Type			Gender			Email			Contact		
Ramavath Suman		Faculty			Male			r.suman@lords.ac.in			9000966277		
Md Saud Uddin		Student			Male			midsaudu312@gmail.com			9347505644		
Mohammad Abdul Rahman		Student			Male			abdulrahman1717@gmail.com			9390441414		
Mohammed Mubashir Rehan		Student			Male			mubashir.rahan456@gmail.com			8686315004		
Mohd Rahman Shareef		Student			Male			mohdrahmanshareef1998@gmail.com			7075696870		
Sabeel Abdul Razzak		Student			Male			sabeelabdu219@gmail.com			8686847690		

18	Design and Fabrication of an Electric Kart	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name National Electrical Kart Championship	Agency Type Corporate / Industry Association	Award / Position / Recognition Secured 2nd Prize	No	Grant Amount in Rs 20000	No	No
	Name		Type		Gender		Email			Contact					
	Dr. Syed Azam Pasha Quadri		Faculty		Male		hodmech@lords.ac.in			7780191067					
	Name		Type		Gender		Email			Contact					
	Ramavath Suman		Faculty		Male		r.suman@lords.ac.in			9000966277					
	A. Nasrulla Khan		Student		Male		zk60690@gmail.com			9652771742					
	Abdullah Bin Sayeed		Student		Male		-			9100391838					
	Bishal Chatterjee		Student		Male		-			8179454397					
	Mohammed Rehanuddin		Student		Male		malik.rn123@gmail.com			9705969498					
	Mohammed Salman		Student		Male		mohammedsalman1134@gmail.com			7989607430					
19	Effect of Capillary tube diameters on the performance of vapour compression Refrigeration System	Process Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No			No	Grant Amount in Rs 25000	No	No
	Name		Type		Gender		Email			Contact					
	Sarap Raghavendra		Faculty		Male		raghavendrasarap@lords.ac.in			7569062636					
	Name		Type		Gender		Email			Contact					
	Hamdaan Baqtaiyan		Student		Male		baqtaiyan.hamdaan@gmail.com			9866113775					
	M. A. Sajjad		Student		Male		sajjadkhan299@yahoo.com			7097496729					
	Md. Aashik		Student		Male		mdaashik8051bgp@gmail.com			9052699937					
	Mohammed Musa Ghori		Student		Male		musaghor@gmail.com			8712177687					
	Majid Khan		Student		Male		majidk022@gmail.com			9700688113					

20	Fabrication of Oxy-Hydrogen Powered Bike	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 35000	No	No																													
	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. Syed Azam Pasha Quadri</td> <td>Faculty</td> <td>Male</td> <td>hodmech@lords.ac.in</td> <td>7780191067</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	Dr. Syed Azam Pasha Quadri	Faculty	Male	hodmech@lords.ac.in	7780191067																			
	Name	Type	Gender	Email	Contact																																					
Dr. Syed Azam Pasha Quadri	Faculty	Male	hodmech@lords.ac.in	7780191067																																						
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Mohd Akram Ullah</td> <td>Student</td> <td>Male</td> <td>shehzanakaram28@gmail.com</td> <td>9885127458</td> </tr> <tr> <td>Mohammed Shoeb</td> <td>Student</td> <td>Male</td> <td>mdshoeb9542@gmail.com</td> <td>9542195182</td> </tr> <tr> <td>Mohd Abdul Rameez</td> <td>Student</td> <td>Male</td> <td>rehanrameez8@gmail.com</td> <td>8801216939</td> </tr> <tr> <td>Mohd Sohail Uddin</td> <td>Student</td> <td>Male</td> <td>ryansohail64@gmail.com</td> <td>9014196316</td> </tr> <tr> <td>Mohd Muqtader Ahmed</td> <td>Student</td> <td>Male</td> <td>muqtaderahmed786@gmail.com</td> <td>7673916707</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	Mohd Akram Ullah	Student	Male	shehzanakaram28@gmail.com	9885127458	Mohammed Shoeb	Student	Male	mdshoeb9542@gmail.com	9542195182	Mohd Abdul Rameez	Student	Male	rehanrameez8@gmail.com	8801216939	Mohd Sohail Uddin	Student	Male	ryansohail64@gmail.com	9014196316	Mohd Muqtader Ahmed	Student	Male	muqtaderahmed786@gmail.com	7673916707
Name	Type	Gender	Email	Contact																																						
Mohd Akram Ullah	Student	Male	shehzanakaram28@gmail.com	9885127458																																						
Mohammed Shoeb	Student	Male	mdshoeb9542@gmail.com	9542195182																																						
Mohd Abdul Rameez	Student	Male	rehanrameez8@gmail.com	8801216939																																						
Mohd Sohail Uddin	Student	Male	ryansohail64@gmail.com	9014196316																																						
Mohd Muqtader Ahmed	Student	Male	muqtaderahmed786@gmail.com	7673916707																																						
21	Design and fabrication of Automated Wheelchair	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No																													
	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Mohammed Iqbal Khatib</td> <td>Faculty</td> <td>Male</td> <td>md.iqbalkhatib@lords.ac.in</td> <td>9618094779</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	Mohammed Iqbal Khatib	Faculty	Male	md.iqbalkhatib@lords.ac.in	9618094779																			
	Name	Type	Gender	Email	Contact																																					
Mohammed Iqbal Khatib	Faculty	Male	md.iqbalkhatib@lords.ac.in	9618094779																																						
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Mohd Taqi Uddin</td> <td>Student</td> <td>Male</td> <td>taquiddin8055@gmail.com</td> <td>7097119112</td> </tr> <tr> <td>Mohd Zuber Ali</td> <td>Student</td> <td>Male</td> <td>zmohd4966@gmail.com</td> <td>8309356832</td> </tr> <tr> <td>Sohail Ahmed</td> <td>Student</td> <td>Male</td> <td>sohailahmedz171@gmail.com</td> <td>9032888334</td> </tr> <tr> <td>Syed Yasar</td> <td>Student</td> <td>Male</td> <td>syedyasar007@gmail.com</td> <td>8919805742</td> </tr> <tr> <td>Syed Zubair Azeem</td> <td>Student</td> <td>Male</td> <td>syedzubair12@gmail.com</td> <td>8179890535</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	Mohd Taqi Uddin	Student	Male	taquiddin8055@gmail.com	7097119112	Mohd Zuber Ali	Student	Male	zmohd4966@gmail.com	8309356832	Sohail Ahmed	Student	Male	sohailahmedz171@gmail.com	9032888334	Syed Yasar	Student	Male	syedyasar007@gmail.com	8919805742	Syed Zubair Azeem	Student	Male	syedzubair12@gmail.com	8179890535
Name	Type	Gender	Email	Contact																																						
Mohd Taqi Uddin	Student	Male	taquiddin8055@gmail.com	7097119112																																						
Mohd Zuber Ali	Student	Male	zmohd4966@gmail.com	8309356832																																						
Sohail Ahmed	Student	Male	sohailahmedz171@gmail.com	9032888334																																						
Syed Yasar	Student	Male	syedyasar007@gmail.com	8919805742																																						
Syed Zubair Azeem	Student	Male	syedzubair12@gmail.com	8179890535																																						
22	Design and fabrication of Foldable Electric Bike	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No																													
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Name	Type	Gender	Email	Contact																																						
Mohammed Iqbal Khatib	Faculty	Male	md.iqbalkhatib@lords.ac.in	9618094779																																						

Name	Type	Gender	Email	Contact
Abrar Ahmed	Student	Male	abrarahmed10484@gmail.com	9542817202
Md Mubashir	Student	Male	mdmubashir006@gmail.com	8639783450
Mohammed Sadiq	Student	Male	mohammedsadiq@gmail.com	7097429827
Shaik Jahangir	Student	Male	shaikjahangir523@gmil.com	8328362427
Syed Akber	Student	Male	syedakbar2402@gmail.com	767490242

23	Fabrication of a composite 3D Printer	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 35000	No	No
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Name	Type	Gender	Email	Contact
Mohammed Abdul Junaid	Faculty	Male	md.abduljunaid@lords.ac.in	8919510416

Name	Type	Gender	Email	Contact
Ausaf Ahmed Usmani	Student	Male	aau2778692@gmail.com	9346432026
Imran Khan	Student	Male	haqeer9999@gmail.com	8978630127
Mohammed Ali	Student	Male	mohammed.aliips344@gmail.com	6303641047
Mohammed Azeez Mohiuddin	Student	Male	mohammedazeemohiuddin@gmail.com	8801256634
Mohammed Azmath	Student	Male	mdazmath96@gmail.com	8801701965

24	Design and Fabrication of Seed Sower, Weeder and Water Sprayer	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
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Name	Type	Gender	Email	Contact
D. Simhana Devi	Faculty	Female	d.simhanadevi@lords.ac.in	8096910882

Name	Type	Gender	Email	Contact
Md Khaja Mohiuddin	Student	Male	khajaniaz01@gmail.com	9347627077
Mohammed Ibrahim	Student	Male	mohammedibrahim8686@gmail.com	8686428678
Syed Ashwaq Ahmed	Student	Male	syedashwaq5500@gmail.com	8639848602
Md Khaja Ghouse	Student	Male	saddamkhan00088@gmail.com	8801099220
Mohd Ahtesham Khan	Student	Male	ahteshamk717@gmail.com	7989604338

25	Construction of Mini Biogas Plant	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 75000	No	No
Name		Type			Gender		Email			Contact			
Dr. Syed Nawazish Mehdi		Faculty			Male		nawazish.mehdi@lords.ac.in			9885924891			
Name		Type			Gender		Email			Contact			
Kausar Mohd		Student			Male		farooqkausar50@gmail.com			8076348989			
Mohammed Waseem Ahmed		Student			Male		waseemahmed6374@gmail.com			9553216374			
Rabin Asfak		Student			Male		mdashfaquealam64@gmail.com			9398126378			
Mohammed Sattar		Student			Male		mohammedsattar@gmail.com			9700853266			
Tabrez Alam		Student			Male		tabrezalam00143@gmail.com			8686538068			
26	Design and Fabrication of Electric Golf Cart	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 17500	No	No
Name		Type			Gender		Email			Contact			
Dr. Syed Azam Pasha Quadri		Faculty			Male		hodmech@lords.ac.in			7780191067			
Name		Type			Gender		Email			Contact			
Mohd Asif Kattimani		Faculty			Male		md.asifkattimani@lords.ac.in			8431596089			
Furqan Ali Mobin		Student			Male		furqanalimobin9@gmail.com			9948174590			
Md Reza		Student			Male		md.reza8795@gmail.com			7667326061			
Md Saddam		Student			Male		saddamstm01@gmail.com			9973445410			
Samad Javed		Student			Male		samadjaved0831@gmail.com			9030612778			
Waqar Alam Qadri		Student			Male		alamwaqar59@gmail.com			-			
27	Motorised Drift Trike	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 24000	No	No

Name	Type	Gender	Email	Contact
Dr. Syed Azam Pasha Quadri	Faculty	Male	hodmech@lords.ac.in	7780191067
Name	Type	Gender	Email	Contact
Md Shoeib Faisal	Student	Male	shoeibfaisal98@gmail.com	7396715656
Mohd Safwan Fasi	Student	Male	safwan.fasi09@gmail.com	8686858690
Syed Ibrahim Ali	Student	Male	mohammedibrahim2768@gmail.com	9154917757
Sohel Ali Shaik	Student	Male	sksohail2212@gmail.com	8309529876
Mohammed Abdul Gaffar	Student	Male	mohammedabdulgaffar98@gmail.com	7032467827

28	Water Purifier by Solar Power	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name	Type	Gender	Email	Contact									
Nithin Chandra Manas	Faculty	Male	nithinchandramanas@lords.ac.in	9676426318									
Name	Type	Gender	Email	Contact									
Mohammed Taj Sarfaraz	Student	Male	mohdtajsarfaraz@gmail.com	8686315004									
Syed Rahman Shah Quadri	Student	Male	syedrahman709@gmail.com	9542195182									
Md Abdul Khaliq Khan	Student	Male	3khaliqkhan@gmail.com	9014942141									
Syed Adil	Student	Male	syed5437@gmail.com	9885127458									
Mohd Nisaruddin	Student	Male	nisaruddin246@gmail.com	7330699715									

29	Pipeline Inspection Robot	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name	Type	Gender	Email	Contact									
Sarap Raghavendra	Faculty	Male	raghavendrasarap@lords.ac.in	7569062636									

Name		Type		Gender		Email		Contact				
Mohammed Mustafa Ali Baig		Student		Male		ansarmustafa@gmail.com		7396251282				
Md Naseeruddin Aslam		Student		Male		naseeraslam007@gmail.com		7013935585				
Mohammad Abid Jaffar		Student		Male		mdabid786250@gmail.com		8121571842				
30	Arduino based remote control Hovercraft	Product Innovation	Technological	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type		Gender		Email		Contact				
Kumar Naik		Faculty		Male		n.kumarnaik@lords.ac.in		9886229958				
Name		Type		Gender		Email		Contact				
Mohammed Mustafa Feroz		Student		Male		mustafaferoz7@gmail.com		9849737220				
Syed Nemath Ullah		Student		Male		syed.faizan3745496@gmail.com		838121662				
Syed Nemath Ullah		Student		Male		muneeb.uddin39@gmail.com		9640115597				
Mohammed Saifur Rahman		Student		Male		supersaif55@gmail.com		818697602				
Mirza Ahmed Baig		Student		Male		am9928607@gmail.com		8801235178				
31	Solar Electric Bicycle	Product Innovation	Technological	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No
Name		Type		Gender		Email		Contact				
R Suman		Faculty		Male		r.suman@lords.ac.in		9000966277				
Name		Type		Gender		Email		Contact				
Syed Asif Uddin Hasan		Student		Male		syedasifh79@gmail.com		7702332139				
Mohd Abdul Adil		Student		Male		mohdabduladil123@gmail.com		7095274238				
Mohammed Ali		Student		Male		mohdali16@gmail.com		6303753578				
Tanveer Alam		Student		Male		tanveeralam786@gmail.com		9490561591				
Mohd Salman		Student		Male		mohdsalmancool1234@gmail.com		8328037334				

32	Obstacle Avoidance Drone	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 110000	No	No										
	Name		Type		Gender		Email		Contact														
	Mohammed Abdul Junaid		Faculty		Male		md.abduljunaid@lords.ac.in		8919510416														
33	Multi directional Fire Hydrant System	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 35000	No	No										
														Name		Type		Gender		Email		Contact	
														Abdul Rehman		Student		Male		ar058321@gmail.com		9121760400	
														Syed Junaid Ali		Student		Male		syedjunaid172000@gmail.com		8801866671	
														Hashim Mohammed		Student		Male		hashimmohammed321@gmail.com		8106501048	
														Syed Nawaz Shareef		Student		Male		syednawazshareef786@gmail.com		7386171762	
														Abdullah Yousuf Wahab		Student		Male		abdullahyousuf1999@gmail.com		9121089014	
33	Multi directional Fire Hydrant System	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 35000	No	No										
														Name		Type		Gender		Email		Contact	
														Mohd Ibrahim		Faculty		Male		ibrahim@lords.ac.in		7075472171	
														Name		Type		Gender		Email		Contact	
														Bhadhavath Pavan Raj		Student		Male		pavanrajbhadawath@gmail.com		9063701103	
														Bukya Prasad		Student		Male		bukyaprasad39@gmail.com		7730934962	
														Guguloth Vinay Kumar		Student		Male		gugulothvinay143@gmail.com		9701961350	
Nunavath Arun Kumar		Student		Male		arunkumar62097@gmail.com		63030166412															
Rudrapati Ajay		Student		Male		ajayrudrapati123@gmail.com		8096937113															
34	Multi directional Targeting System (Launch Pad)	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 60000	No	No										
														Name		Type		Gender		Email		Contact	
D. H. Pachchinavor		Faculty		Male		dh.pachchinavar@lords.ac.in		8217626021															

Name		Type		Gender		Email		Contact	
Munjagalla Asheervadam		Student		Male		bunnymunjagalla@gmail.com		9603490973	
Naram Sai Kumar		Student		Male		naramsaikumar868@gmail.com		8019544330	
Nukala Lingamurthi		Student		Male		lingamurthinukala@gmail.com		9133778578	
Syed Sayeed Pasha		Student		Male		seyeedprince420@gmail.com		9866466812	
Thallapally Srinath		Student		Male		srinaththallapally0369@gmail.com		9666820562	

35	LI-FI Light Fidelity for Fastest Data Transmission	Product Innovation	Technological	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name ISL Engineering College	Agency Type Educational Institute	Award / Position / Recognition Secured 2nd Prize	No	Grant Amount in Rs 10000	No	No
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Name		Type		Gender		Email		Contact	
Mohammed Mustafa		Student		Male		mustafatechie@gmail.com		8970031838	

Name		Type		Gender		Email		Contact	
Mohammed Rahmatullah		Student		Male		-		8801725641	

36	Voice controlled virtual robot face recognition	Product Innovation	Technological	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
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Name		Type		Gender		Email		Contact	
Dr. J. Sasi Kiran		Faculty		Male		deanfirstyear@lords.ac.in		9849309283	

Name		Type		Gender		Email		Contact	
Gowhar Farima		Student		Female		-		-	
Sadaf afreen khan		Student		Female		-		-	
sumra syed afzal		Student		Female		-		-	
pathan gulshan khan		Student		Female		-		-	

37	Motion Simulating Robot through Hand Gestures	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email			Contact			
Abdul Rasool MD		Faculty			Male		abdulrasool@lords.ac.in			9704319936			
Name		Type			Gender		Email			Contact			
Adnan Md Faiz		Student			Male		-			-			
Syed Ishaque Tashrifullahi		Student			Male		-			-			
Mohammed Aki Khan		Student			Male		-			-			
Mohammed Harris Bin Naveed		Student			Male		-			-			
38	Automated Irrigation System	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email			Contact			
Abdul Rais Abdul Waheed		Faculty			Male		abdulrais@lords.ac.in			9420464437			
Name		Type			Gender		Email			Contact			
Amair Ahmed		Student			Male		-			-			
Mir Hasssan Ali		Student			Male		-			-			
Mohammed Moinuddin		Student			Male		-			-			
Shoyeb Khan		Student			Male		-			-			
39	IoT Based secured Portal Inlet	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email			Contact			
Dr.J. Sasi Kiran		Faculty and Student			Male		deanfirstyear@lords.ac.in			9849309283			

Name		Type		Gender		Email		Contact							
Anjum Fatima		Student		Female		-		-							
Aziza fatima		Student		Female		-		-							
Bibi Erum Ayesha		Student		Female		-		-							
kaubab fatima		Student		Female		-		-							
40	Compost Heap Audit	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs	10000	No	No	
	Name		Type		Gender		Email		Contact						
	Abdul Rasool MD		Faculty		Male		abdulrasool@lords.ac.in		9704319936						
	Name		Type		Gender		Email		Contact						
	Syeda Saniya Nausheen		Student		Female		-		-						
	hamza bin md al jabri		Student		Male		-		-						
	Syed Azhar		Student		Male		-		-						
	Syed Maaz Hussaini		Student		Male		-		-						
	41	IoT based MQTT protocol for solving vehicle emissions in cities by using RFID and GSM Technology	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs	15000	No	No
		Name		Type		Gender		Email		Contact					
Abdul Wassey Mudasser		Faculty		Male		abdulwassey@lords.ac.in		9885300909							
Name		Type		Gender		Email		Contact							
Rida Fatima		Student		Female		-		-							
Mohd Asif		Student		Male		-		-							
Syed Abbas Hassan		Student		Male		-		-							
Shaik Wajahed		Student		Male		-		-							

42	AI Based assistance for visually impaired people using text to speech	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No	No
Name		Type			Gender			Email			Contact		
Abdul Wassey Mudasser		Faculty			Male			abdulwassey@lords.ac.in			9885300909		
Name		Type			Gender			Email			Contact		
Syeda Nabiha		Student			Female			-			-		
Abdul Aziz		Student			Female			-			-		
Abdul Wadood		Student			Female			-			-		
Mohammed Junaid		Student			Female			-			-		
43	Location tracking based women safety system using electric shock	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender			Email			Contact		
Abdul Wassey Mudasser		Faculty			Male			abdulwassey@lords.a.cin			9885300909		
Name		Type			Gender			Email			Contact		
Syeda Bisma Begum		Student			Female			-			-		
Safwan Ahmed Farooqui		Student			Male			-			-		
Syed Sirajul Hassan		Student			Male			-			-		
Syed Saber		Student			Male			-			-		
44	A Safety System for mine workers in heavy industries	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender			Email			Contact		
Dr. Y. Raja shree Rao		Faculty			Female			rajashreerao@lords.ac.in			9866153686		

Name	Type	Gender	Email	Contact
Mir Shahed Ali	Student	Male	-	-
Mir Viquar Ali	Student	Male	-	-
Mohd Jawwad	Student	Male	-	-
Mohd Younus	Student	Male	-	-

45	Multi purpose military service robot using wireless network setup	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Dr. Y. Raja Shree Rao	Faculty	Female	rajashreerao@lords.ac.in	9866153686

Name	Type	Gender	Email	Contact
Mohd Owais	Student	Male	-	-
Mohammed Abdul Rahman	Student	Male	-	-
Mohammed Ali Pasha	Student	Male	-	-
Shaik Feroz	Student	Male	-	-

46	Bamboo reinforced mud concrete	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	Agency Name NIRD	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured 1st	No	Grant Amount in Rs 30000	No	No
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Name	Type	Gender	Email	Contact
Mohammed Safiuddin	Faculty	Male	msafiuddin@lords.ac.in	8978942591

Name	Type	Gender	Email	Contact
Mohd Abdul Samee	Student	Male	-	-
Mohd Sabeel Ahmed	Student	Male	-	-
Mohd Kaiser	Student	Male	-	-
Mohd Abdul Samee	Student	Male	-	-

47	Smart educational institute	Service Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	Agency Name	JNTUH	No	10000	No	No
									Agency Type	Educational Institute				
									Award / Position / Recognition Secured	2nd				
									Grant Amount in Rs					
Name		Type			Gender		Email			Contact				
Mohammed Safiuddin		Faculty			Male		msafiuddin@lords.ac.in			8978942591				
Name		Type			Gender		Email			Contact				
Mohammed Abdul Khader		Student			Male		-			-				
48	SMART CONSTRUCTION	Process Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	Agency Name	MVSR college of engineering	No	12000	No	No
									Agency Type	Educational Institute				
									Award / Position / Recognition Secured	2nd				
									Grant Amount in Rs					
Name		Type			Gender		Email			Contact				
Mohammed Safiuddin		Faculty			Male		msafiuddin@lords.ac.in			8978942591				
Name		Type			Gender		Email			Contact				
Mohammed Abdul Khader		Student			Male		-			-				

List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at 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	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs 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 Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/V C 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 venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
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1	Inv Plastocons	Product Innovation	Technologica	888	Student	U37100 TG2020 PTC144 187	2019-20	Graduated from the Incubation unit	No	15 00 00	Loan /Inve stme nt Agen cy Nam e	Ed ve ntu re Pa rk	No	Yes
					Venture with Corporate Identificati on Number (CIN) Registrati on					Grant Amoun t in Rs	Agen cy Type	Ed ve ntu re Pa rk		
											Total Loan /Ang el Inves tmen t/VC Fund raise d by Start -up durin g the perio d of pre- incub ation/ incub ation supp ort at your Pre- incub ation/ incub ation or instit ute finan cial perio d 2019 -20 (in Rupe es)	Ed ve ntu re Pa rk		

Date of Investment Raised
E d v e n t u r e P a r k

Name	DIN number	Type	Gender	Email	Contact
Mohammed Zaifuddin Zumair	08891835	Student	Male	zaifmd4@gmail.com	9700826707

2	Bizrah Health and Lifestyle	Service Innovation	Technologica l	888	Student	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> U85300 TG2021 PTC147 986 </div> <div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> Venture with Corporate Identificati on Number (CIN) Registrati on </div>	2019-20	Graduated from the Incubation unit	No	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> 10 00 00 </div> <div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> Grant Amount in Rs </div>	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> Loan /Inve stme nt Agen cy Nam e </div> <div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> Agen cy Type </div>	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> L o r d s I n s t i t u t e o f E n g i n e e r i n g a n d T e c h n o l o g y </div> <div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> L o r d s I n s t i t u t e o f E n g i n e e r i n g a n d T e c h n o l o g y </div>	No	No
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Name	DIN number	Type	Gender	Email	Contact
Adnan Ali Khan	09040495	Student	Male	info@bizrah.in	8247026579
Fatima Khadar Basha Shaik	09040496	Student	Female	care@bizrah.in	9746254673

3	Yusuf Khan Foundation	Service Innovation	Non-Technological	888	Alumni	<div style="background-color: #002060; color: white; padding: 5px;"> U85300 MH201 8NPL31 1113 </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;"> Venture with Corporate Identification Number (CIN) Registration </div>	2018-19	Graduated from the Incubation unit	No	<div style="background-color: #002060; color: white; padding: 5px;"> 25 00 00 </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;"> Grant Amount in Rs </div>	<div style="background-color: #002060; color: white; padding: 5px;"> Loan/Investment Agency Name </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;"> Agency Type </div>	<div style="background-color: #002060; color: white; padding: 5px;"> Lords Institute of Engineering and Technology </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;"> Lords Institute of Engineering and Technology </div>	No	No
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Name	DIN number	Type	Gender	Email	Contact
Jawwad Patel Zafar	8164048	Alumni Entrepreneur	Male	contact@jawwadpatel.com	9032173637
Wajahat Kaleem Khan	8164047	Incubatee Entrepreneur	Female	-	-

4	Aliya Humanitarian Foundation	Service Innovation	Non-Technological	888	Student	<div style="background-color: #002060; color: white; padding: 5px;"> U85300 TG2021 NPL147 907 </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;"> Venture with Corporate Identification Number (CIN) Registration </div>	2019-20	Received Incubation Support from Incubation Unit	No	<div style="background-color: #002060; color: white; padding: 5px;"> 30 00 00 </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;"> Grant Amount in Rs </div>	<div style="background-color: #002060; color: white; padding: 5px;"> Loan/Investment Agency Name </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;"> Agency Type </div>	<div style="background-color: #002060; color: white; padding: 5px;"> Lords Institute of Engineering and Technology </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;"> Lords Institute of Engineering and Technology </div>	No	Yes
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Name	DIN number	Type	Gender	Email	Contact
Mohammed Azhar Mohiuddin	09037066	Student	Male	mailbioreform@gmail.com	8179034254
Aliya Tabasum	09037065	Incubatee Entrepreneur	Female	-	-

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	Telangana State Council of Science and Technology	Govt. Agency (State)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	55	13-02-2020
2	Rizco Power (OPC) Ltd.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	46	27-01-2020
3	Exclusive Magnesium Pvt. Ltd.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	84	16-08-2019
4	COIGN Consultants Pvt. Ltd.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	65	07-01-2020
5	Techno Course Technologies Pvt. Ltd.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	66	06-08-2019
6	BMR Projects Ltd.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking,Investment,Seed fund	18	06-01-2020
7	Dream View Properties	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	18	11-11-2019
8	TMR Pvt. Ltd.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking,Investment,Seed fund	18	10-02-2020
9	Innovative Technologies Pvt. Ltd.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	30	03-07-2019

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

No Data Filled!

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	A Smart Water Quality and Fish behaviour monitoring aqua farming system and method thereof	41007288A	National	2020 - 02	Uploaded
	2	Solar Powered and IOT enabled reconnaissance warfare robot	41006112A	National	2020 - 02
Uploaded	3	Monitoring of Precision Viticulture System using IoT		41053754A	National

2019 - 12	Uploaded		4	Study on the effect of Cryogenic Cooling on Microstructure and Mechanical Properties of Friction Stir Welded 2014 Aluminium Alloy	41007370A
National	2020 - 02	Uploaded		5	Performance, Combustion and Exhaust Emissions Analysis of HCNG Fuelled Single Cylinder Diesel Engine at different injection opening pressures
41008812A	National	2020 - 03	Uploaded		6
System and method to predict Rheumatoid Arthritis	41023528A	National	2020 - 03	NA	
7	System to identify rare defects in a micro scale product using Machine Learning	41027346A	National	2020 - 03	NA
	8	Customer retention system for retail enterprises using multi-phase clustering data mining technique	101080	International	2020 - 03
NA		9	Securing the Computer Network from the malicious attack by enabling network administrator to implement set of specific configuration on the network	41045873A	National
2020 - 01	Uploaded		10	Navigation Guidance for Differently Abled Person	41013388A
National	2020 - 03	Uploaded		11	An Efficient Arithmetic VLSI Architecture for DWPT Error Approximation
41053591A	National	2019 - 12	Uploaded		12
Power Optimized Reliable Routing for Mobile Adhoc Networks	41051134A	National	2019 - 10	Uploaded	
13	Computer-implemented system for recognizing speech using artificial neural networks	41005679A	National	2020 - 03	Uploaded
	14	Solar Powered Peltier Ice Box	41027420A	National	2020 - 03
NA		15	Portable Peltier Air Conditioner	41035792A	National
2020 - 03	NA		16	Methodology and System for Image Restoration	41015601
National	2019 - 04	Uploaded		17	A Method of Image Denoising and a System Thereof

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

No Data Filled!

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

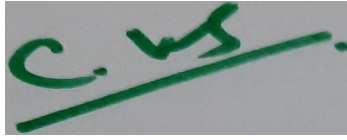
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. C VENKATA NARASIMHULU (Head of Institute) and Mr. R HAFEEZ BASHA (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



Dr. C VENKATA NARASIMHULU
Head of the Institution,
Hyderabad, Telangana

Nodal officer



Mr. R HAFEEZ BASHA
Nodal Officer,
Hyderabad, Telangana