

IIT Kottayam - Efforts for Promoting Culture of Innovation

In recruitment process the First choice of IT Companies is Innovative Brain

IIT Kottayam is the fastest growing IIT in India

Our final product or output is nothing but the quality of our students, which are acceptable to IT industry as well as globally renowned Institutes for higher studies. Every institute tries to map the academic activities in the curriculum. But curriculum design has limitations. The IT Industry wants **innovative programming brains** with

1. Knowledge of recent technologies,
2. Hands on experience,
3. Research-oriented problem-solving attitude,
4. Real-time industry experience with international exposure,
5. Knowledge of complexities of software design
6. Experience of working and team and leading the teams

backed by internationally accepted Certifications etc. The curriculum may not give justice to all these parameters. It can be achieved by creating culture of Innovation, through different routes, which are not part of curriculum. Let's see how we "the IIT Kottayam community" resolved this issue through 10 points program and are producing INDUSTRY 4.0 READY students.

I. Nurturing Innovation Culture through Funded Research Projects

1. Projects -Sanctioned: **20**
2. Funding Proposals under various stages of evaluation & considerations: **53**

Total **73**

The details are provided at the end of document.

II. Nurturing Innovation Culture through Incubation Centers and Start-ups

3. Incubation Centers:
 - MSME Incubation Center: Submitted 38 Start-up project proposals and incubating 01 start-up company with funding.
 - AIC Incubation Center (NITI Aayog) - Submitted 31 Start-up project proposals and incubating 23 start-up companies

Total start-up funding proposals: **69**

Incubating start-ups: **23**

III. Nurturing Innovation Culture through Coding / Programming Culture

IIT Kottayam Students - Coding Performance:

SN	Coding Event	Student Participants
1.	Runner up position for the problem statement "Facilitation of Document Upload for Online Applications" in IEEE Gov-TechThon, A 36 hours IEEE Virtual Hackathon supported by Oracle, NIC India (30th October 2020 to 1st November 2020)	A V S Adityavardhan, Ananta Bhotla, Sathya Krishna, Vinay Y

2.	A student qualified in Google Summer of Coding for two years 2018 and 2020 with total cash award of \$5400.	Mr. Rahul Badami
3.	A team of students stood 2 nd all over India in prestigious Smart India Hackathon 2020 with a cash award of Rs. 75,000. Problem Statement: IC469	Team name: Competent developers 1. Mr.Vishal Shivakumar Kanakamamidi, 2. Mr.Anuj Srivastava, 3. Mr.Rishav Jaiswal, 4. Ms.Mattarparti Satya Bhargavi, 5. Mr.Konjety Keerthi Sreenivas, 6. Mr.Dharavathu Neehari Naik
4.	A team won under category 'Best Innovation in Idea Stage' to earn the Eir fellowship support (monthly Rs. 33,000 for a year) from the Hackathon - Hack and Reboot organized by Startup Incubation and Innovation Centre (SIIC), IIT Kanpur under the Technology Incubation and Development of Entrepreneur Scheme (TIDE 2.0) supported by the Ministry of Electronics and Information Technology Start-Up Hub (MeitY).	1. Mr.Vishal Shivakumar Kanakamamidi, 2. Mr.Anuj Srivastava, 3. Mr.Rishav Jaiswal, 4. Ms. Satya Bhargavi
5.	A student is selected for the final round in Game Development World Championship 2020	Mr. Sameer Ahmed
6.	A student has won the MIT Covid19 Challenge : India Turning the Tide with a cash award of 500\$	Mr. Adityavardhan AVS
7.	A team was qualified for the final round in the Smart India Hackathon 2020.	Team name: Aviato 1. Mr. Suryapal Singh Asolia Rao, 2. Mr. Kshitij Pal, 3. Mr.Vedant Sandeep Joshi, 4. Ms. Amritha Haridasan, 5. Mr.Joel Mathew Philip, 6. Mr.Utkarsh Trivedi
8.	A student emerged as a Top Performer and Winner CellStrat AI Lab- Hands-on Hackathon June 2019, Bangalore	Mr. Vishal Shivakumar Kanakamamidi
9.	Many students qualified for CodeVita 2020, including 1 st year students	1. Mr.Yarlagadda Sai Bhavadeesh 2. Mr.Aditya Mutharia
10.	Two teams secured rank within 25 among the 200+ teams participated in NIT Delhi Reverse Coding Challenge, 2019	Mr. Pushpam Saxena
11.	A student achieved World Rank 3 in January Code Challenge 2020 on HackerEarth	Mr. Prabal Kalia
12.	A student holds 5 CSES world records for the fastest codes and code-golf.	Mr. Prabal Kalia
13.	In HackerEarth July Circuits, 2019, two student secured rank within top 200 out of 10000 participants globally.	Mr. Prabal Kalia Mr. Anshuman Mishra
14.	A 1 st year student ranked 40 globally amongst 3000 participants in the Codechef January Cook-off 2020.	Mr. Seshathri
15.	A student was selected among the top 50 candidates for the ZS Data Science Challenge 2019	Mr. Mannem Srinivas (2016 batch)
16.	A student was selected for LiFT Scholarship 2020 under Blockchain Blockbusters given by Linux Foundation	Mr. Utkarsh Trivedi

17.	A group of students were selected to participate in the finals of Version Beta Hackathon held at MANIT Bhopal	Team “Snowdens”: 1. Mr. Ayush Rai, 2. Mr. Anshuman Mishra and 3. Mr. Rahul Badami
18.	A team has won 51 st rank among 5000+ participants in Classify the Lunar Rock: HackerEarth Data Science Competition, October 2019.	Mr. Vishal Shivakumar Kanakamamidi
19.	Total 4 teams selected within the top 25 ranks in National-level ACM-ICPC Asia Chennai Regional Contest 2019 Hosted at HIST, Chennai.	Team with Rank 20: Seshathri Saravanan, Rishabh Anand, Ashwin Nair Team with Rank 22: Mahesh Vanam, Venkatasaikowsik Vellaturi, Prudhvireddy Venati Team with Rank 23: Soham Shinde, Shriganesh Bhide, Kumar Sunny Team with Rank 24: Nevin Selby, Shashank Singh, Alwin Sebastian
20.	A team of students were shortlisted among the top 3 in the National Event (Onsite POC Participation) in SBI National Hackathon - Automate for Bank 2018	Competent Developers: 1. Mr. Vishal Shivakumar Kanakamamidi, 2. Mr. Anuj Srivastava, 3. Mr. Ayush Rai
21.	A team reached the Pre-Finals in the prestigious E-Yantra Robotics Challenge 2019, sponsored by Ministry of Education and conducted by IIT Bombay.	Mr. Shiva Kumar Marepally Mr. Vishnu Khanth B, Mr. Anshuman Gaurav and Mr. Bivek Benoy Paul
22.	Most of the students have cleared the first round of Google CodeJam 2020, Kick Start 2020, Hashcode 2020 and Facebook HackerCup.	Google Hash Code 2020 Rank-4234: Aashish Sharma, Ashwin Nair Rishabh Anand, Anshu Kumar Rank-6724: Srivatsan Harish, Deshaboina Yashwanth, Lakshin Kumar, Sai Tejashwin Rank-7171: Pushpam Saxena, Nikil Ghanghor, Kaushal Samant, Dhurjati Vats Rank-7732: Kishore Prasad, Dheenadhayalan, Seshathri Rank-8005: Alwin Sebastian, Nevin John Selby, Shriganesh Bhide, Tanishq Jain Rank-8264: Venati Prudhvi, Saikowsik Vellaturi, Sri Rama Varshith Potharlanka Rank-8385: Kumar Sunny, Shashank Singh Abhijith S Babu, Beri Bhanu Vishnu, Vardhan Reddy Rank-9107: Ruchika Sreedhar Google Kick Start 2020 Rank 2284 (Round E): Ashwin Nair Rank 3619 (Round D): Ashwin Nair CodeJam 2020

		Mr. Som Sagar
22.	One of the team was among the top teams called for Onsite Demonstration in RAKATHON 2.0, November 2019	Mr. Vishal Shivakumar Kanakamamidi Mr. Rishav Jaiswal Ms. Mattaparti Satya Bhargavi
23.	A student got qualified for the Onsite Finals in CodeWars- FlairFiesta'19, a National coding event organized by IIIT Kota in 2019	Mr. Prabal Kalia
24	A student has won 3 rd Place in Co<div/>, a Freshworks App Hackathon organized by Freshworks in June 2020	Mr. S J Sameer Ahmed
25	A student securing FIRST place in GNIDOC during Techsemble organized by IEEE Student Branch of IIIT Kottayam in association with IEEE Kerala section in August 2020	Mr. Ashwin Nair
26.	Students have qualified for the final round in Inter IIIT coding competitions.	

IV. Nurturing Innovation Culture through Real-World Problem-Solving Culture

The following is the list students project, which is not a part of syllabus. The students have developed these software projects on their own or under the guidance of teachers of IIIT Kottayam.

SN	Name	Number of projects done	Title of the Projects, which are not part of curriculum	Name of the Supervisor(s)
List of Projects (2017 Batch, Final Year)				
1.	Ashish Gusain	2	1. Calendar project, 2. Net-banking website	Dr. Chitra M T, Dr. Bibal Benifa
2.	Vibhor Vij	3	1. Simple MP3 player on Java, 2. Basic functionalities of a compiler, 3. Hand gesture recognition using OpenCV	Dr. Chitra, Dr. Renjith P., Dr. Bibal Benifa
3.	Shubham Mishra	1	Music app using react native	Dr J.V Bibal Benifa
4.	Arvind Rajpurohit	2	Artilizer, Sentiment Analyzer	Dr Benifa
5.	Jaineel Dharia	3	1. Music app using react native and back end using Django. 2. PHP MYSQL Web site with login system. 3. Rock and scissors game using web development.	Dr. Bibal Benifa
4.	Rahul Kumar Singh	2	1. Social networking website, 2. machine learning projects	Dr. Benifa, Dr. Jaykrushna Shao
3.	Neeraj S	5	1. MP3 Player (JAVA) 2. Priority App (JAVA) 3. Image Captioning (Python) 4. Genetic Algorithms (Python) 5. Head Gaze Detection (Python)	Dr. Chitra, Dr. Bibal Benifa, Dr. Jayakrishna Sahoo, Dr. Anoop, Dr. Bibal Benifa
6.	Deepesh Sharma	2	1. Custom dataset object detection, 2. Sentiment analysis of code-mixed multilingual language	None
3.	Rishav Jaiswal	8	1. Artificial Dataset Creation, 2. Neural Network Visualizer,	Dr. Chitra MT, Dr. J. V. Bibal Benifa, Dr. Manjith

			3. Pose Detection, 4. Chatbot, 5. Railway management System, 6. Class Attendance System, 7. Cryptography software with GUI, 8. Facebook Data Analysis using Hadoop and Hive	B.C., Dr. J. V. Bibal Benifa
9.	Vedant Sandeep Joshi	10	1. Quantum-Convolutional Layers 2. Facial-Expression-Detection Eigen Faces 3. Hand Detection T-Flow lite 4. Image-Annotation 5. Seafood Application 6. Dance Form Classifier 7. Internet of ledgers 8. IoT Dashboard 9. Arduino based flight controller 10. Blind Man Stick	None
11.	Tumun shaily	7	1. Home automation, 2. Drone 3. YouTube downloader 4. Voice enabled speaker 5. Pixel automation 6. screen recorder 7. facial recognition.	Dr. Ebin, Dr. Benifa, Dr. Kala S
List of Projects (2018 Batch, Third Year)				
12.	Yarlagadda Sai Bhavadeesh	1	Cable Tv Book	
13.	Snehamol Balan	2	1. Full Stack Web Development - User Profile Website Creation, 2. Data Science - Eda For Titanic Dataset And Build Various Classification Models And Suggest The Best Model	
14.	Avs Adityavardhan	4	1. Hotel Management System, 2. Event Registration System, 3. Hospital Management System, 4. Supervised ML Models	
15.	J V S krishna	3	1. Dance studio website 2. Student registration 3. Machine learning	
List of Projects (2019 Batch, Second Year)				
16.	Abhijith S Babu	1	Brain Steaks	Dr Victor Paul
17.	Vishnu Narayanan A	1	Quiz platform	Dr. Victor Paul
18.	Cyril Kunjumon	2	1. Food Delivery App 2. Image Editor and Facial Recognition GUI using Python	Dr. Victor Paul
19.	Som Sagar	1	Image editor with real-time facial recognition GUI using python	Dr. Victor Paul
20.	Saikowsik Vellaturi	1	Image editor with real-time facial recognition GUI	Dr. Victor Paul
21.	Hrishabh Joshi	2 completed and 1 in progress	1. PenIt-Personal Blogging WebApp 2. Weather Todo App, 3. Stonks (group project)	2 projects are done as self-skills Enhancement. Stonks project is under guidance of Dr. Victor Paul (under progress).

22.	Ringriangsuiyang	2	1. Anime website front end using HTML, CSS, JAVA SCRIPT 2. Image editor with real-time facial recognition GUI using Python	Dr. Victor Paul
23.	Syed Faiz Hasan	3	1. Heart Disease Predictor Website 2. PenIt (Blog Website) , 3. Enlace (Cultural Fest Website)	Self-supervised Under Cultural Committee
24.	Ananthakrishnan N B	1	Quiz app with basic Django & JS	none
25.	Venati Prudhvi Reddy, Sri Rama Varshith P, Mahesh Vanam, Sk. L. L. Bahadur, Bhargawa	1	Sudoku Auto-Solver	Dr. Victor Paul
26.	Hrishabh Joshi	5	Enlace frontend webpage, Movie_Buffer, others compiled in separate submission	Trendles club, self enhancement , others
27.	Akhil Sai.B	1	Voice Assistant	Dr. Victor Paul

V. Nurturing Innovation Culture through Research Publications

The faculty members (including administrative staff) have published or presented more than **700** research papers till date, which includes **15** research papers of BTech students. <https://www.iiitkottayam.ac.in/#!/studentPublication>

VI. Nurturing Innovation Culture through Two Way Industry Interface

1. From January 2020, IIIT Kottayam has started a unique course in India namely MTech in AI & Data Science for **IT Working Professionals** and got overwhelming response from IT Sector. IIIT Kottayam has admitted **50 students from IT Industries**, which includes candidates with over 10 years of experience from top 15 IT industries. This will dramatically enhance the industry based collaborative projects.
2. Admitted number of PhD scholars from IT Industry such as CDAC-Bangalore, Cognizant technologies, and so forth and they have preferred industry-based research projects.
3. TCS has conducted 1 credit course on Blockchain technology at IIIT Kottayam.
4. Participation of Experts from Industry in Curriculum Development.
5. MOU with Industries: Reliance JIO Gen Next, Technolodge Ernakulum and many more by AIC Incubation center, which is a section 8 company. Industrial tie-up for pursuing joint projects such as projects with BOSCH-India, 3DDivella (3D Printer Manufacturing companies), Collaborative research with NIMHANS Bangalore for Brain Computer Interface etc.
6. Scientific and Industrial Research Organization (SIRO) status was received from the Department of Scientific and Industrial Research, Govt. of India.
7. Adjunct faculty members from industry
 - a. Dr. Shabu B. Raj, Scientist, DRDO Bangalore
 - b. Dr. Oommen K Mathew, Computational Genomics Scientist at AgriGenome Labs Pvt Ltd.

- c. Dr. Ranjit Thomas Abraham, Former Senior DRDO Scientist
8. Organized more than 20 Guest Lecturers of the experts from IT Industry. Details about 60 more events at <http://www.iiitkottayam.ac.in/#!/researchActivities> and at <http://www.iiitkottayam.ac.in/#!/events>
9. Around 20 mentors, including industrial mentors from Hawaii, Telefon Germany and Northeastern University USA, have registered for participating at AIC-IIIT Kottayam.
10. Received funding for industrial joint research projects from
- Microsoft- AI for Earth Grant USA
 - Volkswagen Germany
 - University of Klagenfurt BMWFW Austria
<http://icentre.iiitkottayam.ac.in/energycompiler.html>
 - BEL
11. Most of the IIIT Kottayam students are going for industry internships. The following chart shows this.

SN	Name	Internship Company and Field Details
Final Year (17/60)		
1.	Abhishek Vishwkarma	Cavadium Retail
2.	Adhyan	Web Developer, HPC Sphere Pvt Ltd, Delhi
3.	Aditya Kumar Nayak	Core Java in central tool room and training center, Bhubaneswar,
4.	Anshuman Mishra	1. Stabilitygroup 2. Ericsson
5.	Ashish Gusain	1. Ericsson (Research Intern) 2. Alphabt, Sriramnagar, Alwarpet, Chennai (Artificial Intelligence) 3. Bayes Labs, Bengaluru, Karnataka (Backend Developer) 4. Milkie Way Incorporation, Santa Clara, California, US (Full-Stack Developer) 5. Bharat Electronics Limited, Kotdwara (Web)
6.	D Neehari Naik	IIT Madras Student's startup
7.	Deepesh Sharma	Vidooly Media Tech, noida Uttar Pradesh
8.	Jaineel Fenal Dharia	In-touch Engineering Pvt. Ltd, Vadodara, Gujarat
9.	Kshitij Pal	1. DRDO 2. LeadingIndia.ai
10.	Love Kumar	DST-NIMAT(IIIT-Kottayam)
11.	Mahfuz Hasan	The Shaadi times
12.	Mekala Uday Bhargav	Codespeedy technologies
13.	Neeraj S	TCS
14.	Sameer Ahmed S J	Big Clout Media LLC, Android App Developer
15.	Santosh Sharma	1. The Sparks Foundation, Data Science & Analytics 2. JPMorgan Chase&Co. Software Engineering virtual Experience 3. IIM Bangalore, Campus Ambassador
16.	Vishal Shivakumar Kanakamamidi	1. Niflr, Bengaluru Computer Vision 2. 56 Secure, Bengaluru, Computer Vision Research 3. Kontiki Innovation Labs, Bengaluru, Computer Vision 4. Robert Bosch, Bengaluru, Computer Vision Research
17.	Vishnu Khanth B	Dattendriya Data Science solutions, Salem
Third Year (26/86)		
18.	A V Bhavya	1. L&T Construction Limited, Web Development 2. Verzeo With Microsoft, Azure Cloud Computing 3. Precify Erutlucirga Pvt Ltd., Android Development 4. VISMAP Labs Private Limited, Android Development

		5. The Sparks Foundation, Machine Learning
19.	A V S Adityavardhan	1. GeeksforGeeks, Content Writing 2. Sanfoundry, Content Writing 3. Tata Consultancy Services, Campus Ambassador 4. GeeksforGeeks, Campus Ambassador 5. Internshala, Campus Ambassador 6. Bolt IoT, Campus Ambassador
20.	Allu Harsha Vardhan	Hindustan Shipyard Limited, Desktop application development
21.	Ananthu Raghuvamsi	Verzeo, Machine Learning
22.	Anjali M N	1. Sparks foundation, Machine Learning 2. Verzeo, Machine Learning
23.	Antony Francis	Reliance Jio, Big Data Analytics
24.	Bhaskar Purohit	Proxima Alpha Tech Pvt. Ltd., Android Development, Worked on a tiktok like app called IndiYo which is there on the playstore currently
25.	Bivek Benoy Paul	1. DbyT Dynamics, Android Development 2. Verzeo, Machine Learning
26.	Kumari Misa	1. Indian National Youth Foundation, Web Development 2. Shine projects, Marketing, Sales
27.	M G Christopher	Daddy Santa Software Solutions, Web Development
28.	Macharla Sindhuja	Verzeo, Machine Learning
29.	Muskan Rana	Binge N Chill, Web Development
30.	Nikhil Kumar Ghanghor	1. Originating Motion Web Services Pvt. Ltd., Web and Backend development 2. Amar Ujala Web Services Pvt Ltd, Alexa Skills Development
31.	Pedada Venkata Harsha	Verzeo, Machine Learning
32.	Prabal Kalia	OPK eservices Pvt. Ltd., Web Development, Flask
33.	Pushpam Saxena	1. SMT Pvt. Ltd., Web Development, Developed websites using MEAN Stack 2. Goodera, Data Engineering
34.	Rachit Verma	Concentrix, Machine Learning
35.	Rahul Nayak BV	Verzeo, Machine Learning
36.	Rumaise	1. Pollution Control Board Kerala, Android Development 2. Echo vector United Kingdom, Android Development 3. Hindusthan Shipyard Ltd, Vishakhapatnam, Desktop application 4. Finlect, Dubai, Android Development 5. Anrika, Blockchain 6. IIT Hyderabad Product Lab, Android Development 7. Verzeo, Campus Ambassador 8. Bharath Electronics limited Bangalore, Blockchain
37.	Sai Kumar Avu	Verzeo, Machine Learning
38.	Sumana Bushireddy	Mood indigo, Verzeo, Web Development
39.	Tejash More	Hexaware Technologies, Machine Learning
40.	Tijo Thomas	1. Microsoft Authorized education partner, Machine Learning 2. Verzeo, Campus Ambassador
41.	Vaisakh Dileep	1. DbyT Dynamics IIT Madras, Android backend, cloud computing, Android development 2. Verzeo, machine learning
42.	Y Vinay	Verzeo, Machine Learning
43.	Yarlagadda Bhavadeesh Sai	Red Positive (OPC) Service. Pvt. Ltd., Android Development
Second Year (5/116)		
44.	Aryan Yadav	Connekt Technologies, Web development, ReactJS developer
45.	Cyrl Kunjumon	Phyzok, Content writing
46.	Seshathri S	Slatemates, Web development

47.	Som Sagar	DaddySanta, Geeksforgeeks, Front-end web design and technical content writing
48.	Syed Faiz Hasan	The Sparks Foundation, Data Science

VII. Nurturing Innovation Culture through Internationalization

IIIT Kottayam is focusing on internationalization through:

1. Live MOUs with top ranking foreign universities such as Austria, Germany and Canada. MoU for faculty and student exchange with TUM, Germany. As per Times World University Ranking TUM Germany is 43rd Ranked top most University of the world.
2. Submitted or sanctioned collaborative research projects with Austria, Germany, Portugal, USA, Japan, Serbia etc. Received funding for industrial joint research projects from Microsoft, Volkswagen Germany etc.
3. Two faculty have done Post Doc from ICP, University, Stuttgart, Germany and TUM Germany. One faculty has done PG from Coventry University UK and PhD from Pretoria University South Africa South Africa. One faculty has done Post Doc from University of Linz, Austria.
4. Five globally renowned foreign academicians / industry personals are conducting special one credit UG courses.
5. IIIT-K faculty members have published Joint Research Papers with faculty of top foreign universities and industry personals.
6. IIIT Kottayam has successfully organized first IEEE International conference and this year 2nd one is scheduled. Prof. Virendra Bhavsar, Brunswick University was Chief Guest of the conference and Prof. Michel TUM Germany was Keynote Speaker.
7. Introduced foreign languages like French and Germany at first year level.
8. Our faculty Dr. Shajulin Benedict is taking credit courses at TUM Germany and faculty of TUM Germany is conducting credit courses at IIIT Kottayam.
9. Dr. Ebin has selected as an ACM Distinguished speaker in Data science by ACM (Association for Computing Machinery) for a tenure of three years.
10. Indo-European hackathon from 27-29 Nov 2020: Dr. Shajulin is organizing Indo-European Entrepreneurial Hackathon – IEE-Hacks2020. It is a Hackathon on IoT Cloud Analytics and Visualization for boosting Indo-European entrepreneurial interests. The organizing partners are:
 - a. IIIT Kottayam
 - b. AIC IIIT-Kottayam Foundation
 - c. MSME Business Incubation Centre IIIT-Kottayam
 - d. DaretoStart (Company), Germany.
11. Internship at Foreign University / Company

SN	Name of Student	Country
1.	Yashwant Srivatsav, 2015 batch	USA
2.	Mannem Srinivas, 2016 Batch	USA
3.	Chatla Akileshwara Kumar, 2016 Batch	Austria
4.	Ashish Gusain	Switzerland, USA
5.	Rumaise	UK, Dubai

VIII. Nurturing Innovation Culture through Boosting Learning Attitude and Learning Beyond Syllabus

1. Organized 32 Webinars for students and faculty during Covid-19 Pandemic in which speaker across the globe have participated and delivered the talks on various latest technologies.
2. In IT, the absorption rate of technologies is very high and no curriculum in the world can teach all the latest IT Technologies. Thus, students need to learn beyond syllabus through various Professional Certification options such as Coursera, Udemy, Ed tech, Swayam, NPTEL, Java, Oracle etc. In recruitment process, the IT companies are looking for lifelong learners. That is, they want candidates with Learning attitude and desire. The students can show these only through these certification courses. Most of the students of IIIT Kottayam are actively involved in this activity. The following chart shows this.

SN	Student Name	Pursued / Pursuing Course Name	Course Organized by Institute
1.	AVS Aditya Vardhan	Introduction to Tensorflow for AI,ML AND DL	Deeplearning.ai, Coursera
		Introduction to Deep Learning	Deeplearning.ai, Coursera
		Python zero to hero bootcamp	Pierrean Data
		Introduction to Machine Learning	Internshala Trainings
		Career Edge knockdown the lockdown	TCS IoN
2.	Yaralagadda Sai Bhavadeesh	Machine learning	Stanford University, Coursera
		Flutter & Dart - The complete guide [2020 edition]	Academind
3.	Y. Vinay	Programming for everybody	University of Michigan, Coursera
4.	Vibhor Vij	Machine Learning	Coursera/Stanford
		Deep Learning- Specialization	Coursera/Deeplearning.ai
5.	Abhishek Vishwakarma	Machine Learning A-Z	Udemy
6.	Vishal Shivakumar Kanakamamidi	Convolutional Neural Networks	Coursera
7.	Nikhil Kumar Ghanghor	DeepLearning.AI Tensorflow Developer	deeplearning.ai, Coursera
8.	Mekala Uday Bhargav	Python	Solo learn
		Python Problem solving	Hackerrank
		Django	Youtube
		Java	Internshala
9.	Anjali M N	machine learning	Verzeo
10.	Shubham Mishra	Coursera Machine learning	Stanford, Coursera
		Python masterclass	Udemy
11.	A V Bhavya	Data Base Management System	IIT Kharagpur, NPTEL
		Introduction to Operating Systems	IIT Madras, NPTEL
		CS50: CS50's Introduction to Computer Science	HarvardX, EdX
		Angular	Internshala
		Advanced Styling with Responsive Design	University of Michigan, Coursera
		Interactivity with JavaScript	University of Michigan, Coursera

SN	Student Name	Pursued / Pursuing Course Name	Course Organized by Institute
		Python Project: pillow, tesseract, and opencv	Univeristy of Michigan, Coursera
		compiler Design	IIT Kharagpur, NPTEL
		Machine Learning: Clustering & Retrieval	University of Washington, Coursera
		Machine Learning: Classification	University of Washington, Coursera
		Machine Learning: Regression	University of Washington, Coursera
		Machine Learning Foundations: A Case Study Approach	University of Washington, Coursera
		Introduction to CSS3	University of Michigan, Coursera
		Introduction to HTML5	University of Michigan, Coursera
		Carrer Edge- Knockdown the Lockdown	TCS IoN, TCS
		Using Python to Access Web Data	University of Michigan, Coursera
		Capstone: Retrieving, Processing, and Visualizing Data with Python	University of Michigan, Coursera
12.	Sohel Samirkhan Modi Tamboli	Cyber Security and Internet of Things	Kennesaw State University, Coursera
		Cyber Security and Internet of Things	Kennesaw State University, Coursera
		Introduction to Pointers and Memory Management in C/C++	Coursera
		Programming For Everybody	University of Michigan, Coursera
		COVID-19: What You Need to Know (CME Eligible)	Osmosis.org, Coursera
13.	Abhijith S Babu	Web applications for everybody	University of Michigan, Coursera
14.	Vishnu Ajith	Neural Networks and Deep Learning	Deeplearning.ai, Coursera
		Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization	deeplearning.ai, Coursera
		Vishnu Ajith	deeplearning.ai, Coursera
		Convolutional Neural Networks	Deeplearning.ai, Coursera
		Build a Modern Computer from First Principles: From Nand to Tetris Part1	Hebrew University of Jerusalem, Coursera
		Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning	Deeplearning.ai, Coursera
		Psychological First Aid	John Hopkins University, Coursera
		The Hardware of a Quantum Computer	Technical University Delft, Netherlands, EdX

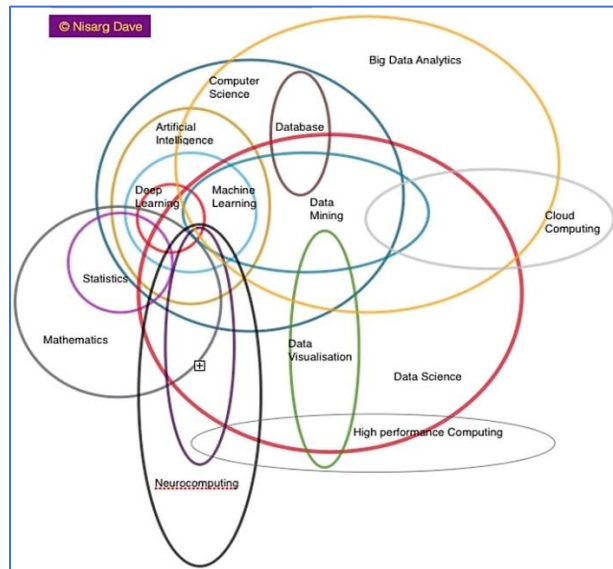
SN	Student Name	Pursued / Pursuing Course Name	Course Organized by Institute
		Architecture, Algorithms, and Protocols of a Quantum Computer and Quantum Internet	Technical University Delft. EdX
		Advanced JAVA Technologies	CDAC
15.	D. Neehari Naik	Deep Learning and NLP A-Z™: How to create a ChatBot	Udemy
16.	Paruchuri Sai Suhas	Python programming for everybody	University of Michigan, Coursera
17.	A. Nithin	Programming for Everybody (Getting Started with Python).	University of Michigan, Coursera
		University of Michigan	Python Data Structures, Coursera
18.	Alaka Jayan	Web Applications for Everybody	University of Michigan, Coursera
		HTML, CSS, and Javascript for Web Developers	Johns Hopkins University, Coursera
19.	J V S Krishna	Machine learning	Verzeo
		Complete C++ programming	Emenwa Gobal, Udemy
		Complete PHP opp concepts	Srinivasa Vanamala, Udemy
		Crash course Laravel 7 and vue js Bootcamp	Gerrit Vermeulen, Udemy
		The complete 2020 PHP full stack web developer bootcamp	Srinivas Vanamala, Udemy
20.	Sameer Ahmed S J	Programming, Data Structures and Algorithms Using Python	IITM, NPTEL
		Introduction to Machine Learning	IIT Kharagpur, NPTEL
		Natural Language Processing (with honors)	National Research University Higher School of Economics, Coursera
		Autopsy Basics and Hands On	Basis Technology, Autopsy
		Machine Learning A-Z™: Hands-On Python & R In Data Science	Udemy
		Neural Networks and Deep Learning	DeepLearning.AI, Coursera
21.	Ashish Gusain	Data Science	Coursera
		Machine Learning	Coursera
		Deep Learning	Coursera
22.	Charles V.J.	Algorithmic Toolbox	University of San Diego, Coursera
23.	Kumari Misa	Javascript, HTML5, CSS, Cybersecurity	University of Michigan, Coursera
24.	Anshuman Mishra	Machine Learning – Stanford	Stanford – Coursera
		Neural Networks and Deep Learning	Deeplearning.ai, Coursera
		Natural Language Processing In Tensorflow	Deeplearning.ai, Coursera
		The Complete Self-Driving Car Course - Applied Deep Learning	Udemy
25.	Pushpam Saxena	Deep Learning Specialization	Coursera
		Tensorflow Specialization	Coursera
		RestAPI Certification	Hackerrank

SN	Student Name	Pursued / Pursuing Course Name	Course Organized by Institute
26.	Seshathri S	Google IT Automation with Python	Google, Coursera
		Introduction to Discrete mathematics for computer science	University of California San Diego & National Research University Higher School of Economics, Coursera
		Front end development with React	The Hong Kong University of Science and Technology, Coursera
27.	Vedant Sandeep Joshi	Oracle Certified Java Associate Programmer	Coursera
		Deep learning Specialization	Coursera
		Tensorflow In Practice Specialization	Coursera
		TensorFlow: Data And Deployment Specialization	Coursera
		Introduction To Data Science In Python	Coursera
		Applied Plotting, Charting Data Representation in Python	Coursera
		Applied Machine Learning in Python	Coursera
		The Complete 2020 Flutter Development Bootcamp with Dart	Coursera
		Deep Learning Computer Vision™ CNN, OpenCV, YOLO, SSD & GANs	Coursera
		Drone Programming Primer for Software Development	Coursera
		28.	Sagar Bhatia
Frontend web development ui and frameworks : bootstrap 4	John Hopkins University Hong Kong University of science and technology, Coursera		
HTML CSS JavaScript for web developer	John Hopkins University Hong Kong University of science and technology, Coursera		
29.	Abhimanyu Kumbhar	Introduction to Quantum Computing and Quantum Hardware	Summer School, IBM
		Practical Quantum Computing using Qiskit and IBMQ	Electronics & ICT Academy (IIT Roorkee), Bootcamp
		Introduction to Quantum Computing with IBM Quantum	The Coding School
30.	Prasanna Devadiga	Deep Learning Specialization (5 courses total)	Coursera
		Python for everybody Specialization (2 courses)	Coursera

SN	Student Name	Pursued / Pursuing Course Name	Course Organized by Institute
		Python for Data Science and Machine Learning Bootcamp	Udemy
		Complete Tensorflow 2 and Keras Deep Learning Bootcamp	Udemy
		React - The Complete Guide (incl Hooks, React Router, Redux)	Udemy
31.	Joel Mathew Philip	Introduction to Data Science in Python	Coursera
		Convolutional Neural Networks	Coursera
		CNN in Tensorflow	Coursera
		Improving Deep NN: Hyperparamertization	Coursera
		Neural networks and DL	Coursera
		Structuring ML Projects	Coursera

IX. Nurturing Innovation Culture through Interdisciplinary Approach

1. The Data Science is the highly Interdisciplinary field of computer science. Our BTech and MTech Curriculum covers almost every important subject of “Data Science”.



Data Science is the highly Interdisciplinary field

2. Introduced Interdisciplinary subjects like Bio-Informatics at second year level.
3. Introduced 6 Management courses (one credit each) to boost entrepreneurial activities and to boost interdisciplinary activities in Finance and Management sectors.
 - Fundamentals of Economics
 - Principles of Management
 - Business Communication Skills
 - Human Resource Management
 - Financial Management & Accounting
 - Operations and Supply Chain Management

X. Nurturing Innovation Culture through Student's Open Source Contributions

We are focusing on developing open source contribution culture through Coding platforms: GitHub, Sourceforge, Gitea, Apache Allura, Codechef, Codeforces, Spoj, A2oj, HackerEart and Kaggle for ML, Data Science etc. It's a time-consuming job and litter bit more time is required to see the results.

Details of Project Funding Proposals

1. List of 20 Sanctioned Research / Project Funding Proposals

<https://www.iiitkottayam.ac.in/#!/researchProject>

SN	Project Funding Agency	Project Title	Funding in Rs.	Faculty Involved	Sanctioned
1.	Rohta Foundation	HackICAV'18 - Rohta Collaborative Event Fund	150000	Dr. Shajulin Benedict	Sanctioned
2.	Indo-Austrian project (OEAD-DST) Dr. Shajulin had visited Austria 3 times and worked at their research laboratory for more than 4 months.	Energy Aware Scientific Workflow Compiler for Future Heterogeneous Systems Rs. 8,82,740	882740	Dr. Shajulin Benedict	Sanctioned
3.	BEL	Exploration of Blockchain Technology and development of Secure Transaction and Smart Contract solutions	416400	Dr. Shajulin Benedict	Sanctioned
4.	3DDivella Technologies ltx	3D printing based smart manufacturing	250000	Dr. Shajulin Benedict	Sanctioned
5.	Atal Incubation Centre (AIC) by NITI Aayog	IoT Cloud Societal applications – Incubation Centre. In AIC scheme, the upper limit of funding is Rs. 10 Cr. For AIC IIIT-Kottayam, Rs. 34600000 has been sanctioned for 5 years.	34600000	Dr. Shajulin Benedict	Sanctioned
6.	MSME Business Incubation Centre	Approved as MSME Business Incubator. We could get up to Rs. 1 Cr for establishing the infrastructure and Rs. 15 Lakh per innovative idea. Infrastructure money will be funded after the acceptance of 2 approved ideas. Maximum 10 ideas may be approved per year. The project is for 5 years.		Dr. Shajulin Benedict	Sanctioned

		Thus, the maximum funding for this project is Rs. 8.5 Cr in 5 years.			
7.	Microsoft- AI for Earth Grant	Artificial Intelligence for Detection and Classification of Diseases in Rice and wheat	1271288	Dr. Ebin Deni Raj	Sanctioned
8.	Microsoft- AI for Earth Grant	Travel Grant for Conference at Microsoft Headquarter at USA	200000	Dr. Ebin Deni Raj	Sanctioned
9.	Volkswagen Germany, German Centre for Artificial Intelligence DFKI	Foundation AI FORA, Joint Collaborative Project of 5 nations (Germany, Estonia, USA, China, India) worth 1.5 million EURO	25000000	Dr. M.P Rajan, Dr. Ebin Deni Raj, Dr. Shajulin Benedict, Dr. Jayakrushna Sahoo & Dr. P. Victor Paul	Sanctioned
10.	DSTNIMAT / TEDP	Technology based Entrepreneurship Development Programme Sanctioned till date Rs. 6 Lakhs (Rs. 3 Lakhs per year)	600000	Dr. Shajulin Benedict	Sanctioned
11.	Project from Germany – Dr. Petra, 50 K Euro	AI and Social Problems	4200000	Dr. Ebin Deni Raj	Sanctioned
12.	AICTE ATAL Program FDP	Training proposal	200000	Dr. Shajulin Benedict	Sanctioned
13.	DST NIMAT	Training Program	350000	Dr. Shajulin Benedict	Sanctioned
14.	BEL, India	Industry Project	1000000	Dr. Shajulin Benedict	Sanctioned
15.	MSME Incubation Center	Start-up grant	1500000	Dr. Shajulin Benedict	Sanctioned
16.	AICTE ATAL Program FDP	Training proposal	200000	Dr. Bini A. A.	Sanctioned
17.	AICTE ATAL Program FDP	IoT enabled Systems for tomorrow's Digital World	200000	Dr. Kala S	Sanctioned
18.	AICTE ATAL Program FDP	Cyber Security and Digital Forensics	200000	Dr. Panchami. V	Sanctioned
19.	SERB Accelerate Vigyan	Deep Learning Architectures	200000	Dr. Kala	Sanctioned
20.	SERB Accelerate Vigyan	IoT Cloud Solutions for Productization – A Step to Entrepreneurship	222750	Dr. Shajulin	Sanctioned

2. List of Research / Project Funding Proposals Under Various Stages of Evaluation & Considerations

SN	Project Funding Agency	Project Title	Funding in Rs.	Faculty Involved
1.	SERB; Start Up Grant (SRG) Scheme	Discovering Interesting High Utility Item-sets	14,24,000	Dr. Sahoo
2.	DST - TIDE	Data analytics for remote monitoring and healthcare of elderly population	52,27,000	PI: Dr. Anoop Jacob Thomas

				Co-PI (s): Dr. Arun Cyril Jose, Dr. Jayakrushna Sahoo
3.	AICTE ATAL Program FDP	Predictive Data Analytics	200000	Dr. Jayakrishna Sahoo
4.	NSTEDB, DST	"New Generation IEDC incubation Centre"	2,50,00,000	Dr. Panchami
5.	Integrated Technology Interventions for Sustainable Environment (ITISE), June 2020	"A Safe, Self-Sustainable and Low-cost Device for monitoring and Preventing the Intrusion of Wild Animals and Insects/Pets into Agricultural Fields."	17,63,000	Dr. Panchami
6.	MeitY May 2020	A Low Cost IoT Enabled Device for Monitoring, Analyzing and Predicting Real Time Air Quality to Avoid Atmospheric Emission of Harmful/ Poisonous Gasses.	46,00,000	Dr. Panchami
7.	DST- SUPRA	Automated Weed Removal from Farmlands Using Unmanned Aerial Vehicle	44,49,500	Dr. J. V. Bibal Benifa
8.	DRDO - NAVAL	Underwater Object Tracking and Classification using AUV with Deep Learning Approach	79,87,000	Dr. J. V. Bibal Benifa
9.	ISRO			Dr. J. V. Bibal Benifa
10.	Department of Biotechnology, Government of India	Coral and Fish Species Classification using Deep Learning Approach	16,00,000	Dr. Bibal and PhD scholar Ms. Delsey (email 26 Aug)
11.	MeitY	Development of an Intelligent Mobility Model to mitigate CO2 emission for alternative fuel vehicle in India	36,20,000	Dr. Victor Paul
12.	MeitY	Research lab for AI & Data Science at IIIT-K	6,00,00,000	Dr. Ebin, Dr. Shaoo, Dr. Bible, Dr. N. K. Narayana
13.	FIST scheme	Project Proposal On "FIST-project (Level-1)"	3,11,00,000	Dr. Ebin
14.	DST	NM-ICPS, Rs. 120 Crore	1,20,00,00,000	Dr. Ebin, Joint project with IIIT Sri City, IIIT Kurnool, IIIT Kancheepuram
15.	AICTE ATAL Program FDP	Data Science and Machine Learning	200000	Dr. Ebin Deni Raj
16.	DST	Training Program on Entrepreneurship	1,00,000	Dr. Manjith, Dr. Ebin
17.	DST	India Serbia Collaborative project	24,00,000	Dr. Manjith Joint project with IIIT Trichy, NIT Trichy, Indira Gandhi Delhi

				Technical University for Women (IGDTUW)
18.	DST	India Japan Collaborative project, Joint Workshops / Seminars, DST & Japan Society for the Promotion of Science (JSPS)	10,00,000	Dr. Manjith Joint project with IIIT Trichy, NIT Trichy, Indra Gandhi Delhi Technical University for Women (IGDTUW)
19.	DST	India Portugal research grant	70,00,000	Dr. Kala
20.	Xilinx Inc USA	University grant sponsored by industry Xilinx Inc USA, for setting up a laboratory "Xilinx Women in Technology University Grand Program Fall 2020" \$ 50,000 USD	37,00,000	Dr. Kala
21.	ASEAN-India Collaborative R&D, AISTDF	With Universiti Sains Islam Malaysia (USIM), University Teknologi Brunei, Intelligent "Wearable Devices for Maternal Health care"	2900000	Dr. Kala
22.	DST	Workshop submitted to DST-SERB under Abhyaas Karyashala	5,00,000	Dr. Divya Sindhu Lekha
23.	SERB-DST	A study on phase retrieval from the magnitude data using regularization approaches for reconstruction of the data.	6,00,000	Dr. Bini A.A.
24.	Ministry of Earth Sciences	Satellite image enhancement for efficient Land Use and Cover Classification	18,26,264	Dr. Bini A. A.
25.	FA: DST/SERB	An automated system for detection and diagnosis of organ related and systemic diseases from eyes using fundus and OCT images	20,35,264	Dr. Bini A. A.
26.	Indo-US	AquaHPA Framework	2,22,00,032	Dr. Shajulin
27.	NITI Aayog	Smart Home security (ANIC challenge): Shortlisted for presentation	1,00,00,000	Dr. Shajulin and Dr. Arun
28.	IMPRINT 2018	Smart intelligent real time Transportation Analytic System for modern Digital India	1,90,00,000	Dr. Shajulin
29.	DST	Energy Aware IoT Cloud Societal applications	20,46,000	Dr. Shajulin
30.	DRDO	Private Blockchain for secure and agile Messaging in Military operations	35,65,000	Dr. Shajulin
31.	NDMA	IEEE Conference Funding	4,00,000	Dr. Shajulin
32.	Toyota Foundation Japan	Blockchain Application for Mobility	69,00,000	Dr. Shajulin

33.	DST-NRDMS	An IOT based monitoring and prediction framework for precision agriculture	50,74,000	Dr. Ebin
34.	DST-NIMAT	Entrepreneurship in Data Science-Faculty Development Programme (FDP)	2,50,000	Dr. Ebin
35.	SERB IMPRINT -II	Automatic Toll and Smart Real-Time Transportation Analytic System for Modern India	1,44,46,300	Dr. Ebin
36.	National Geographic Foundation, USA	A computer vision-based Fruit picker	2,00,00,000	Dr. Ebin
37.	Leonardo Dicaprio Foundation, USA	Rice leaf disease detection and prediction	60,00,000	Dr. Ebin
38.	Bill and Melinda Gates Foundation, USA	Neglected Tropical Diseases Data Innovation Incubator	2,00,00,000	Dr. Ebin
39.	SERB- Core Research grant	An AI based robotic system for detection and classification of diseases in rice and wheat crops	30,10,000	Dr. Ebin
40.	Leonardo Dicaprio Foundation, Los Angeles, California USA	The AI based detection of root wilt, Tanjore wilt, leaf rot, stem bleeding in coconut trees	69,00,000	Dr. Ebin
41.	DST	BRICS (India, Russia and Brazil) collaborative Project (Total 1.5 Crores)	50,00,000	Dr. Ebin
42.	DST-SERB MATRICS Scheme	A mathematical model for citation network analysis of Indian origin academicians	7,00,000	Dr. Ebin
43.	TBI, DST	Prepared proposal for "Technical Business Incubation TBC"	50000000	Dr. Ebin
44.	4th BRICS Young Scientist Conclave Campinas, Brazil		100000	Dr. Ebin Deni Raj
45.		Third Eye: A smart spectacle to help blind people	80,00,000	Dr. Manikandan V. M.
46.	Atal New India Challenge an initiated by Govt of India, Nov 2018	iFollow: A Mobile Application to reduce accidents and fatalities and to ensure road safety	62,84,000	Dr. Panchami
47.	DST, December 2018	A Novel Lightweight Encryption Algorithm for IoT devices	18,00,000	Dr. Panchami
48.	KSCSTE, February 2019	Asset Management and Verification using Blockchain Technology	25,00,000	Dr. Panchami
49.	4 th BRICS Young Scientist Conclave Campinas, Brazil		100000	Dr. Panchami
50.	SERB	Multi Resolution Analysis and Restoration of Images Using Discrete Orthogonal Stockwell Transform: With Applications to Medical and Satellite Image Data	15,71,900	Dr. Bini A.A

51.	DST-SERB MATRICS Scheme	Application of Local lie group Theory to time Fractional Porous Medium	6,60,000	Dr. Bakkyaraj
52.	DST SERB/SGR (Early Career Award)	Automation of Stress Recognition and monitoring in Campus Students based on Electro dermal Activity	20,59,500	Dr. Jayakrishna Sahoo
53.	4th BRICS Young Scientist Conclave Campinas, Brazil		100000	Dr. Arun Cyril Jose

3. Incubation Caters – AIC (NITI Aayog) and MSME Innovation / Start-Up Projects

The AIC (NITI Aayog) Incubation Center is [incubating 23 start-up companies](#). Recently started MSME Incubation Center is incubating 01 start-up company with funding.

Note: In the following list of 69 submitted projects, 3 projects are rejected. They are related to incubation center and thus I have kept in this category.

3.1. MSME Incubation Center: Submitted 38 Start-up Project Funding Proposals

SN	Project Funding Agency	Project Title	Funding in Rs.	Faculty / Incubates Involved	Sanctioned
MSME Incubation Center: Submissions (Portal-I) Dr. Shajulin Benedict via. Incubates					
1.	MSME	Revenue oriented water quality prediction framework for smart-cities	13,00,000	Dr. Shajulin, Mentor: Dr. Rajan M.P	Submitted
2.	MSME	Most affordable Electric Motorcycle	13,00,000	Arpit Chauhan, Mentor: Dr. Shajulin	Submitted
3.	MSME	3D Modelling, Virtual Prototyping and Multi Physics Simulation based Product Development	15,00,000	Viswanathan Krishnamani Mentor: Dr. Shajulin Benedict	Submitted
4.	MSME	E3 Homes Energy, Eco and Economy Friendly Smart Homes	15,00,000	Kaiparampil Lizbeth Joy, Mentor: Dr. Shajulin	Submitted
MSME Incubation Center: Submissions (Portal-II) Dr. Shajulin Benedict via. Motivated incubates/entrepreneurs					
5.	MSME	Telecommunication & Networking	15,00,000	Dr. Shajulin Benedict via. Ms. Anjali	Submitted
6.	MSME	Robotics	15,00,000	Dr. Shajulin Benedict via. Mr. Divvela Rakesh	Submitted
7.	MSME	Transportation & Storage	15,00,000	Dr. Shajulin Benedict via. Mr. Kiren F Madekkal	Submitted
8.	MSME	Healthcare & Life Sciences	15,00,000	Dr. Shajulin Benedict via. Mr. Ariharan T	Submitted
9.	MSME	Waste Management	15,00,000	Dr. Shajulin Benedict via. Mr. Denix M Sebastin	Submitted

10.	MSME	Design	15,00,000	Dr. Shajulin Benedict via. Mr. K Viswanathan	Submitted
11.	MSME	Renewable Energy	15,00,000	Dr. Shajulin Benedict via. Mr. Faruqkhan Pareeth	Submitted
12.	MSME	Internet of Things	15,00,000	Dr. Shajulin Benedict via. Mr. Manojkumar Yadav	Submitted
13.	MSME	Waste Management	15,00,000	Dr. Shajulin Benedict via. Mrs. N C Brintha	Submitted
14.	MSME	Renewable Energy	15,00,000	Dr. Shajulin Benedict via. Mrs. Kaiparampil Lizbeth Joy	Submitted
15.	MSME	Internet of Things	15,00,000	Mr. Shajulin Benedict	Submitted
16.	MSME	Agriculture	15,00,000	Dr. Shajulin Benedict via. Mr. Arya P Muralidharan	Submitted
17.	MSME	Internet of Things	15,00,000	Dr. Shajulin Benedict via. Mr. Basil C Sunny	Submitted
18.	MSME	Logistics	15,00,000	Dr. Shajulin Benedict via. Mr. Kenny Thomas	Submitted
19.	MSME	Agriculture	15,00,000	Dr. Shajulin Benedict via. Mr. Anto John	Submitted
20.	MSME	AI	15,00,000	Dr. Shajulin Benedict via. Mr. Binish Thaikkottathil	Submitted
21.	MSME	Food & Beverages	15,00,000	Dr. Shajulin Benedict via. Mr. Saji Sukumaran	Submitted
22.	MSME	Technology Hardware	15,00,000	Dr. Shajulin Benedict via. Mr. Alrin A Jabin	Submitted
23.	MSME	Agriculture	15,00,000	Dr. Shajulin Benedict via. Mr. George Joseph	Submitted
24.	MSME	Internet of Things	15,00,000	Dr. Shajulin Benedict via. Mr. Sudharsanan E K	Submitted
25.	MSME	Renewable Energy	15,00,000	Dr. Shajulin Benedict via. DML Industries	Submitted
26.	MSME	Internet of Things	15,00,000	Dr. Shajulin Benedict via. Mr. Sinto Joseph	Submitted
27.	MSME	Waste Management	15,00,000	Dr. Shajulin Benedict via. Mr. Albin Augustine	Submitted
28.	MSME	Green Technology	15,00,000	Dr. Shajulin Benedict via. Mr. Hari Krishnan S	Submitted
29.	MSME	Internet of Things	15,00,000	Dr. Shajulin Benedict via. Mr. Anson Joseph	Submitted
30.	MSME	Automotive	15,00,000	Dr. Shajulin Benedict via. Mr. Anoop K Nair	Submitted
31.	MSME	Renewable Energy	15,00,000	Dr. Shajulin Benedict via. Mr. Prasannaeswaran	Submitted
32.	MSME	Biotechnology	15,00,000	Dr. Shajulin Benedict via. Mrs. Achamma Giju	Submitted
33.	MSME	Automotive	15,00,000	Dr. Shajulin Benedict via. Mr. Sebin Sebastian	Submitted
34.	MSME	AI	15,00,000	Dr. Shajulin Benedict via. Mr. Sreeranj S	Submitted
35.	MSME	Automotive	15,00,000	Dr. Shajulin Benedict via. Mr. Varghese	Submitted
36.	MSME	Automotive	15,00,000	Dr. Shajulin Benedict via. Mr. Arpit Chauhan	Submitted

37.	MSME	Non-Renewable Energy	15,00,000	Dr. Shajulin Benedict via. Mr. Piyush Bansal	Submitted
38.	MSME	Waste Management	15,00,000	Dr. Shajulin Benedict via. Mr. Jerry Mon T J	Submitted

3.2. AIC Incubation Center (NITI Aayog) - Project Submissions (Faculty: Dr. Shajulin Benedict via. AIC Team): : Submitted 31 Start-up project proposals and incubating 21 start-up companies

SN	Project Funding Agency	Project Title	Funding in Rs.	Faculty / Incubates Involved	Sanctioned
1.	Govt. of. India	Youth Co lab	500000	Divela 3d	Under Review
2.	Govt. of. India	Youth Co lab	500000	Vuga Security solution	Under Review
3.	Govt. of. India	WEP	7167975	Trophic Bio System	Under Review
4.	Govt. of. India	Birac	5000000	Trophic Bio System	Rejected
5.	Govt. of. India	Enterprise Awards Track	500000	Trophic Bio System	Under Review
6.	Govt. of. India	Startup India	500000	RK Electromobiles	Under Review
7.	PVT Incubator	Springboard Incubator	20000000	RK Electromobiles	Under Review
8.	Govt. of. India	startup Mithra	50000	RK Electromobiles	Under Review
9.	Govt. of. India	NITI - Prayas	1000000	DML Industries	Under Review
10.	Govt. of. India	NITI - Prayas	1000000	Vajra software solutions	Under Review
11.	Govt. of. India	NITI - Prayas	1000000	Duklr	Under Review
12.	Lets Venture	Lets Venture	10000000	RK Electromobiles	Under Review
13.	Govt. of India	NITI - Prayas	1000000	Maklabs	Under Review
14.	Govt. of. India	PSG-STEP Seed Fund	1000000	Sygun Technologies	Under Review
15.	PVT Incubator	Springboard Incubator	20000000	Sygun Technologies	Under Review
16.	PVT Incubator	NITI - Prayas	1000000	Trolli	Under Review
17.	PVT Incubator	Startups 2019	5000000	RK Electromobiles	Under Review
18.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	Antrika	Under Review
19.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	RK Electromobiles	Under Review
20.	DIPP	Assocham startup launchpad - Raipure Edition	15000000	RK Electromobiles	Under Review
21.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	Duklr	Under Review
22.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	Aaltree	Under Review
23.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	Black Cubes	Under Review
24.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	Vajra software solutions	Under Review
25.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	Teen Techies PVT ltd	Under Review
26.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	DML Industries	Under Review
27.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	Maklabs	Under Review
28.	PVT Incubator	12th Edition The Coimbatore Vizha	10000000	Divvela 3D	Under Review

29.	Govt. of. India	5th State evaluation board meet held for startups	1000000	RK Electromobiles	Under Review
30.	Toyota	Toyota Mobility Foundation Challenge (CATCH)	109990500	BAXA	Rejected
31.	Toyota	Toyota Mobility Foundation Challenge (CATCH)	109990500	RK Electromobiles	Rejected