



UNITED INSTITUTE OF TECHNOLOGY
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
(Certified by ISO 9001:2015)
Periyanaickenpalayam, Coimbatore – 641020
www.uit.ac.in

DVV CLARIFICATIONS
of
Self Study Report
(2nd Cycle)
Metric No: 3.1.1

Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)



Submitted
to
National Assessment and Accreditation Council
Bangalore



Table of Contents

S.No	Description	Page No./Weblink
1	Principal Certificate	3
2	Data Template	8
3	E-copies of the letters of award for Development of Fingerprint Recognition for Smart Registry of Appearance (@monita) for 2017-18 , Implementing carbon nanotubes in polypropylene to improve mechanical and tribological properties for 2018-19 , Development of Motorized wheel chair for the handicapped people for 2019-20 , Design and Development of Line Follower Robots (Project done under endowment funds) for 2020-21 and Experimental investigation on production of bio-gas from water hyacinth (Project done under endowment funds) for 2021-22 sponsored by Government and non-government sources.	http://uit.ac.in/SSRII/c3/166_dv3-1-1-1.pdf



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Principal Certificate



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Dr.S.Ramkumar M.E., Ph.D.,

Principal

17.02.2023

This is to certify that the Total Grants from Government and non-government agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs) is given below

2021-22	2020-21	2019-20	2018-19	2017-18
49.71	69.65	22.05	71.995	1.62

As sought in DVV clarification, E-copies of the letters of the award sponsored by the Government and nongovernment are enclosed herewith as supporting documents. Our Institution received Endowment funds from the following listed companies to perform various activities and part of that amount is utilized to execute various research and development projects.

S.No	Project Name	Name of the Company (Endowment Fund)	Endowment Fund Received from Company (In Lakhs)	Endowment Fund Utilized for R&D Projects (In Lakhs)	Management Sanctioned Fund (In Lakhs)
2017-2018					
1	Development of Fingerprint Recognition for Smart Registry of Appearance (@monita)	-	-	-	0.34
2	FIR Filter Design using Approximate Wallace Tree Multipliers and Speculative Adders	-	-	-	0.37
3	Automatic Braking and Easy Handling of vehicles in hill stations using arduino controller	-	-	-	0.31
4	Experimental study on strength of concrete by steel and glass fibre.	-	-	-	0.3



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5	Design and development of Plastic separator by Electrostatic Induction Method	-	-	-	0.3
2018-2019					
1	Performance enhancement of monitoring the level of Garbage collection using IOT (Project done under endowment funds)	KTVR SIDDHAM MAL CHARITA B	70	0.36	-
2	An efficient classification of Medicinal Leave Species based on colour, texture and gementric features (Project done under endowment funds)			0.35	-
3	Automatic Railway gate controller and broken detection using IOT with a backup controller (Project done under endowment funds)			0.48	-
4	Utilisation of Demolished waste in paver blocks with high friction surfacing (Project done under endowment funds)			0.33	-
5	Design and Fabrication of Mini Dirt Bike (Project done under endowment funds)			0.36	-
2019-2020					
1	Development of Motorized wheel chair for the handicapped people (Project done under endowment funds)	KTVR SIDDHAM MAL CHARITA B	20	0.3	-
2	Development of a Blockchain and IOT Coupled Security Mechanism for Voting Systems to Prevent Election Data Tampering (Project done under endowment funds)			0.49	-

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3	A secure intrusion detection system for Manets using Aomdv (Project done under endowment funds)			0.38	-
4	Stabilization of black cotton soil with natural pozzolana and lime (Project done under endowment funds)			0.41	-
5	Power generation using PV panel and TEG in Daytime and Nighttime (Project done under endowment funds)			0.47	-
2020-2021					
1	Design and Development of Line Follower Robots (Project done under endowment funds)	Dutch Plantin Coir India Pvt. Ltd.	24	1.305	-
2	Tracking the performance of the student using Smart Band (Bluetooth) (Project done under endowment funds)			1.42	-
3	Brain Tumor Segmentation using Deep Belief Neural Network (Project done under endowment funds)			1.385	-
4	Comparison of hollow core slab structure and conventional type slab structure of car parking garage (G+5) (Project done under endowment funds)			1.4	-
5	Thermal Energy harvesting using thermoelectric generator (TEG) by Seeback effect			1.39	-
2021-2022					
1	Experimental investigation on production of bio-gas from water hyacinth (Project done under endowment funds)	Dutch Plantin Coir India Pvt. Ltd.	35	1.435	-

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2	Super capacitor based regenerative braking system (Project done under endowment funds)			1.365	-
3	COVID 19 Personal Protective Equipment for Doctors/Nurse Life Saving (Project done under endowment funds)			1.39	-
4	Design and Fabrication of Fish Chopping Machine Using Snail / Drop Cam Mechanism (Project done under endowment funds)			1.44	-
5	Experimental investigation on production of bio-gas from water hyacinth (Project done under endowment funds)			1.48	-
Total (INR in Lakhs)		149		18.02	1.62

The following documents are enclosed herewith as supporting documents.

1. Sanction letter from the Company on Endowment fund
2. UIT Trust Sanction letter
3. Bank Statement on the inward amount from the Company
4. Voucher payment toward project fund

The given statements are true to the best of my knowledge.

Thanking you

Yours Sincerely



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Metric No: 3.1.1

Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Data Template

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments in the institution during the last five years (INR in Lakhs)

Name of the research project/ Endowment	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
2017-2018							
Development of Fingerprint Recognition for Smart Registry of Appearance (@monita)	Ms.M.Jeevitha	Computer Science and Engineering	2017	0.34	6 Months	UIT Educational Trust	Non Government
FIR Filter Design using Approximate Wallace Tree Multipliers and Speculative Adders	Mr.V.Velumani	Electronics and Communication Engineering	2017	0.37	6 Months	UIT Educational Trust	Non Government
Automatic Braking and Easy Handling of vehicles in hill stations using arduino controller	Mr.P.G.R.Karthikeyan	Electrical and Electronics Engineering	2017	0.31	6 Months	UIT Educational Trust	Non Government
Experimental study on strength of concrete by steel and glass fibre.	Mrs.M.Kasthuri	Civil Engineering	2017	0.3	6 Months	UIT Educational Trust	Non Government
Design and development of Plastic separator by Electrostatic Induction Method	Mr.N.Nirmal	Mechanical Engineering	2017	0.3	6 Months	UIT Educational Trust	Non Government


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2018-2019

Implementing carbon nanotubes in polypropylene to improve mechanical and tribological properties	C.R.Raajeshkrishna	Mechanical Engineering	2019	0.075	6 Months	TNSCST	Government
Performance enhancement of monitoring the level of Garbage collection using IOT	Mr.M.Saravana Kumar	Computer Science and Engineering	2018	0.4	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
An efficient classification of Medicinal Leave Species based on colour, texture and gementric features	Mr.S.K.Pravinkumar	Electronics and Communication Engineering	2018	0.36	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
Automatic Railway gate controller and broken detection using IOT with a backup controller	Ms.V.Priya	Electrical and Electronics Engineering	2018	0.35	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
Utilisation of Demolished waste in paver blocks with high friction surfacing	Mr.M.Dinesh	Civil Engineering	2018	0.48	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
Design and Fabrication of Mini Dirt Bike	Mr.P.Sathishkumar	Mechanical Engineering	2018	0.33	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
Endowments - KTVR SIDDHAMMAL CHARITAB	-	-	2019	70	-	KTVR SIDDHAMMAL CHARITAB	Non Government

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2019-2020

Development of Motorized wheel chair for the handicapped people	Mr.P.Sathishkumar	Mechanical Engineering	2019	0.3	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
Development of a Blockchain and IOT Coupled Security Mechanism for Voting Systems to Prevent Election Data Tampering	Dr.P.Sindhuja	Computer Science and Engineering	2019	0.49	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
A secure intrusion detection system for Manets using Aomdv	Mr.C.R.Rathish	Electronics and Communication Engineering	2019	0.38	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
Stabilization of black cotton soil with natural pozzolana and lime	Mr.Rravindranath Chandra	Civil Engineering	2019	0.41	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
Power generation using PV panel and TEG in Daytime and Nighttime	Mr.M.Santhoshkumar	Electrical and Electronics Engineering	2019	0.47	6 Months	KTVR SIDDHAMMAL CHARITAB	Non Government
Endowments - KTVR SIDDHAMMAL CHARITAB	-	-	2019	20	-	KTVR SIDDHAMMAL CHARITAB	Non Government


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2020-2021


Design and Development of Line Follower Robots (Project done under endowment funds)	Dr.C.Saravana Murthi	Mechanical Engineering	2020	1.305	12 Months	Dutch Plantin Coir India Pvt. Ltd.	Non Government
Tracking the performance of the student using Smart Band (Bluetooth) (Project done under endowment funds)	Dr.P.Sindhuj	Computer Science and Engineering	2020	1.42	12 Months	Dutch Plantin Coir India Pvt. Ltd.	Non Government
Brain Tumor Segmentation using Deep Belief Neural Network (Project done under endowment funds)	Mr.S.Udhayakumar	Electronics and Communication Engineering	2020	1.385	12 Months	Dutch Plantin Coir India Pvt. Ltd.	Non Government
Comparison of hollow core slab structure and conventional type slab structure of car parking garage (G+5) (Project done under endowment funds)	Mrs.S.Kalaiyarasi	Civil Engineering	2020	1.4	12 Months	Dutch Plantin Coir India Pvt. Ltd.	Non Government
Thermal Energy harvesting using thermoelectric generator (TEG) by Seebeck effect	Mr.M.Santhoshkumar	Electrical and Electronics Engineering	2020	1.39	12 Months	Dutch Plantin Coir India Pvt. Ltd.	Non Government
Endowments - Dutch Plantin Coir India Pvt. Ltd.	-	-	2021	24	-	Dutch Plantin Coir India Pvt. Ltd.	Non Government
Endowments - United Bleachers Pvt. Ltd.	-	-	2021	11.5	-	United Bleachers Pvt. Ltd.	Non Government
Endowments - Patwari Metals and Forge	-	-	2021	3	-	Patwari Metals and Forge	Non Government

Endowments - Vajraaditya Ventures	-	-	2021	1	-	Vajraaditya Ventures	Non Government
Endowments - Bagrecha Enterprises Ltd.	-	-	2021	5	-	Bagrecha Enterprises Ltd.	Non Government
Endowments - Nandi Roller Flour Mills Pvt. Ltd.	-	-	2021	2.5	-	Nandi Roller Flour Mills Pvt. Ltd.	Non Government
Endowments - Sri Karvembu Textiles Pvt. Ltd.	-	-	2021	0.25	-	Sri Karvembu Textiles Pvt. Ltd.	Non Government
Endowments - Kamadhenu wires	-	-	2021	1	-	Kamadhenu wires	Non Government
Endowments - Sri Utham Enterprises	-	-	2021	0.21	-	Sri Utham Enterprises	Non Government
Endowments - Plus Point	-	-	2021	1.51	-	Plus Point	Non Government
Endowments - Allied Distributors	-	-	2021	0.25	-	Allied Distributors	Non Government
Endowments - Mahavir Chemicals	-	-	2021	0.31	-	Mahavir Chemicals	Non Government

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Endowments - Shanthi Niketan Silks	-	-	2021	2	-	Shanthi Nikithan Silks	Non Government
Endowments - S S Marbles	-	-	2021	2.5	-	S S Marbles	Non Government
Endowments - Kunal Enterprises	-	-	2021	0.11	-	Kunal Enterprises	Non Government
Endowments - Solar Tea Traders	-	-	2021	1.4	-	Solar Tea Traders	Non Government
Endowments - Anil Ranka	-	-	2021	0.21	-	Anil Ranka	Non Government
Endowments - S V Balasubraminam	-	-	2021	5	-	S V Balasubramaniam	Non Government
Endowments - Rajasekaran	-	-	2021	1	-	Rajasekaran	Non Government


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2021-2022

Experimental investigation on production of bio-gas from water hyacinth (Project done under endowment funds)	Mr.M.Kavi Rajan	Civil Engineering	2021	1.435	12 Months	Dutch Plantin Coir India Pvt.Ltd	Non Government
Super capacitor based regenerative braking system (Project done under endowment funds)	Mr.K.Gangadharan	Electrical and Electronics Engineering	2021	1.365	12 Months	Dutch Plantin Coir India Pvt.Ltd	Non Government
COVID 19 Personal Protective Equipment for Doctors/Nurse Life Saving (Project done under endowment funds)	Mr.S.K Pravin Kumar	Electronics and Communication Engineering	2021	1.39	12 Months	Dutch Plantin Coir India Pvt.Ltd	Non Government
Design and Fabrication of Fish Chopping Machine Using Snail / Drop Cam Mechanism (Project done under endowment funds)	Dr.K.Chinnarasu	Mechanical Engineering	2021	1.44	12 Months	Dutch Plantin Coir India Pvt.Ltd	Non Government
Client Management System Project using Java (Project done under endowment funds)	L.Babitha	Computer Science and Engineering	2021	1.48	12 Months	Dutch Plantin Coir India Pvt.Ltd	Non Government
Endowments - Dutch Plantin Coir India Pvt.Ltd	-	-	2021	35	-	Dutch Plantin Coir India Pvt.Ltd	Non Government
Endowments - Mahavir Laminate	-	-	2021	2	-	Mahavir Laminate	Non Government
Endowments - Maheshwary Granites	-	-	2021	2.5	-	Maheshwary Granites	Non Government

Endowments - Popular International India	-	-	2021	0.1	-	Popular International India	Non Government
Endowments - Salona Cotspin Limited	-	-	2021	1	-	Salona Cotspin Limited	Non Government
Endowments - Mithal Manogarmal Jota Dalal Trust	-	-	2021	0.5	-	Mithal Manogarmal Jota Dalal Trust	Non Government
Endowments - Shri Baba Ramdev Seva Sangh	-	-	2021	1.5	-	Shri Baba Ramdev Seva Sangh	Non Government


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