



HINDUSTHAN INSTITUTE OF TECHNOLOGY

Autonomous Institution affiliated to Anna University, Approved by AICTE, New Delhi
Accredited with 'A' Grade by NAAC, Accredited by NBA (Aero, CSE, ECE and MECH)



COIMBATORE – 641 032.

It is here by informed that the following faculty members are nominated for **Research Cell Committee** of this institution for the year 2020-2021.

S.No	Name of the Member	Position	Category	Mobile No.	E-mail id
1.	Dr. C.Natarajan,	Chairman	Principal	99946 30696	hitprincipal@hindusthan.net
2.	Dr. B.Paulchamy	Member Secretary	Head of the Department	96291 83233	hitece2013@gmail.com
3.	Dr.K.Mahendran	Coordinator/ Member	Associate Professor	9976064001	dr.mahendran.k@hit.edu.in
4.	Dr. A. JameerBasha	Member	Head of the Department/CSE	94434 03786	a.jameerbasha@gmail.com
5.	Dr.S.Uma	Member	Professor/CSE	9443913517	druma@hit.edu.in
6.	Dr.S.Latha	Member	HOD/S&H	989422211	drlatha@hit.edu.in
7.	Dr.P.T.Saravanakumar	Member	HOD/AUTO	9488383900	ptssaravanakumar@hit.edu.in
8.	Dr.L.Vijayakumar	Member	Head of the Department/Pharama	9442982665	dr.vijakumar@hit.edu.in

9.	Dr.R.Sundaramoorthy	Member	AP/MECH	9655777654	sundaramoorthy.r@hit.edu.in
10.	Dr.S.Sivakumar	Member	AP/S&H	9865553361	dr.sivakumar@hit.edu.in
11.	Dr.D.Prakash	Member	AP/S&H	9600840001	drprakash@hit.edu.in


Research Cell Coordinator


Principal

HINDUSTHAN INSTITUTE OF TECHNOLOGY

RESEARCH CELL

Ref: HITECH/Research Cell//2020-2021/001

30.09.2020

CIRCULAR

It is hereby informed that the Research advisory committee meeting is scheduled on 07.10.2020 @ 03.00 PM at board Room. The research advisory committee members are requested to attend the meeting without fail.


PRINCIPAL
30.09.20

Copy To:

1. The Principal
2. IQAC
3. All the members of Research Advisory Committee Committee
4. File Copy

Encl:

1. Research Advisory committee members list

HINDUSTHAN INSTITUTE OF TECHNOLOGY

RESEARCH CELL

Research Advisory committee members list

S.No	Name	Designation	Signature
1	Dr. C. Natarajan Principal	Chairman	C.N.
2	Dr.B.Paulchamy HOD/ECE	Member Secretary	B. Paulchamy
3	Dr.A.Jameer Basha HOD/CSE	Member	A. Jameer Basha
4	Dr.S.Uma Professor/CSE	Member	S. Uma
5	Dr.S.Latha HOD/S&H	Member	S. Latha
6	Dr.P.T.Saravanakumar HOD/AUTO	Member	P. T. Saravanakumar
7	Dr.L.Vijayakumar HOD/PHARMA	Member	L. Vijayakumar
8	Dr.K.Mahendran ASS.PROF/ECE	Member	K. Mahendran
9	Dr.R.Sundaramoorthy AP/MECH	Member	R. Sundaramoorthy
10	Dr.S.Sivakumar AP/S&H	Member	S. Sivakumar
11	Dr.D.Prakash AP/S&H	Member	D. Prakash

HINDUSTHAN INSTITUTE OF TECHNOLOGY
COIMBATORE
RESEARCH CELL

07.10.2020

MINUTES OF THE MEETING

1. Dr. C. Natarajan, Chairman welcomed all the Research Advisory Committee Members to the meeting.
2. New members were inducted into the committee and the old members who have resigned are relieved from the committee. The new Research Advisory Committee thus formed consists of the following members.

S.No	Name	Designation
1	Dr. C. Natarajan Principal	Chairman
2	Dr.B.Paulchamy HOD/ECE	Member Secretary
3	Dr.A.Jameer Basha HOD/CSE	Member
4	Dr.S.Uma Professor/CSE	Member
5	Dr.S.Latha HOD/S&H	Member
6	Dr.P.T.Saravanakumar HOD/AUTO	Member
7	Dr.L.Vijayakumar HOD/PHARMA	Member
8	Dr.K.Mahendran ASS.PROF/ECE	Member
9	Dr.R.Sundaramoorthy AP/MECH	Member
10	Dr.S.Sivakumar AP/S&H	Member
11	Dr.D.Prakash AP/S&H	Member

3. The committee has informed its members to collect the Research Publications from their corresponding department once in every three (3) months and submit the same to the Research Cell for updation.
4. The committee has insisted that all the teaching faculty members of the institution has to register Ph.D compulsorily and the Doctoral faculties should get research guidance from respective Universities.
5. The Chairman of the board has motivated the members and other faculty members to apply for patent for the project and research works they have completed.
6. The Chairman of the board has motivated the members and other faculties to apply for consultancy projects and researches.
7. The Chairman has taken step to start Incubation Centre for the institution and to have Start Ups in it.
8. The Chairman has asked the members of the board to short list the best student project and take it to the next level of applying for patents and promoting as start ups.


Principal

HINDUSTHAN INSTITUTE OF TECHNOLOGY
COIMBATORE
RESEARCH CELL
Attendance Sheet

S.No	Name	Designation	Signature
1	Dr. C. Natarajan Principal	Chairman	C.N.
2	Dr.B.Paulchamy HOD/ECE	Member Secretary	Bhmy
3	Dr.A.Jameer Basha HOD/CSE	Member	AJameer
4	Dr.S.Uma Professor/CSE	Member	S. Uma
5	Dr.S.Latha HOD/S&H	Member	Latha
6	Dr.P.T.Saravanakumar HOD/AUTO	Member	P.T.
7	Dr.L.Vijayakumar HOD/PHARMA	Member	L.V.
8	Dr.K.Mahendrakan ASS.PROF/ECE	Member	K.M.
9	Dr.R.Sundaramoorthy AP/MECH	Member	R.S.
10	Dr.S.Sivakumar AP/S&H	Member	R. S.
11	Dr.D.Prakash AP/S&H	Member	D.P.



HINDUSTHAN INSTITUTE OF TECHNOLOGY

COIMBATORE- 641032



RESEARCH CELL COMMITTEE

ACTION TAKEN REPORT

DATE :12.10.2020

The following actions were taken by the Research Cell committee with the knowledge of authority.

S.NO	Committee's Suggestion	Committee's Suggestion for action to be taken
1	Collect the Research Publications from their corresponding department	The request is sent to all departments to motivate the faculty members and collect the Research Publications
2	All the teaching faculty members of the institution has to register Ph.D compulsorily and the Doctoral faculties should get research guidance from respective Universities.	To upgrade the faculty qualification. Non Ph.D holders are used the seed money projects for their carrier.
3	Apply for patent for the project and research works	All faculty members are informed and they are active in this regard.
4	Apply for consultancy projects and researches.	All faculty members are informed and they are active in this regard.

Copy To:

1. The Principal
2. IQAC
3. All the members of Research Advisory Committee Committee
4. File Copy

Principal

12.10.20

RESEARCH CELL COMMITTEE

The following members are attended the **Research Cell Committee** for the academic year **2020-2021** held on **12.10.2020** at **11.30** am at Board Room

S.No	Name	Designation	Signature
1	Dr. C. Natarajan Principal	Chairman	C.N.
2	Dr.B.Paulchamy HOD/ECE	Member Secretary	B.P.
3	Dr.A.Jameer Basha HOD/CSE	Member	A.J.
4	Dr.S.Uma Professor/CSE	Member	S. Uma
5	Dr.S.Latha HOD/S&H	Member	Latha
6	Dr.P.T.Saravanakumar HOD/AUTO	Member	P.T.
7	Dr.L.Vijayakumar HOD/PHARMA	Member	L.V.
8	Dr.K.Mahendran ASS.PROF/ECE	Member	K.M.
9	Dr.R.Sundaramoorthy AP/MECH	Member	R.S.
10	Dr.S.Sivakumar AP/S&H	Member	S. Sivakumar
11	Dr.D.Prakash AP/S&H	Member	D.P.

HINDUSTHAN INSTITUTE OF TECHNOLOGY

RESEARCH CELL

CIRCULAR

Ref: HITECH/Research Cell//2020-2021/002

12.11.2020

It is hereby informed that the last date for submission of Project proposal for seed money is **20.11.2020**. The submitted proposals have to be proper as per the format prescribed by the Research cell. The Principal Investigators of the project should present before the research advisory committee and the date of presentation will be announced later.


PRINCIPAL
12.11.20

Copy To:

1. The Principal
2. IQAC
3. All the members of Research Advisory Committee Committee
4. File Copy

HINDUSTHAN INSTITUTE OF TECHNOLOGY

RESEARCH CELL

CIRCULAR

Ref: HITECH/Research Cell/003

28.11.2020

It is hereby informed that the final presentation for obtaining the research seed money for the submitted proposal is scheduled as given below. The PI's of the projects should present before the Research Advisory Committee on the specified dates.

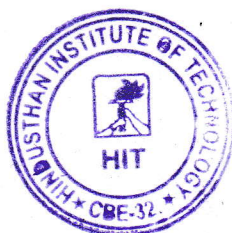
SNO	DEPT	DATE	TIME	NAME OF THE PI	TITLE OF THE PROPOSAL
1	CSE	3.12.2020	10.00AM-10.30AM	Dr. S Lokesh	Nano Assistive Communication Device for Elderly and Speech Disability People after Stroke
2		3.12.2020	10.35AM-11.05AM	Dr. R Kala	Removal of noise in MRI using Deep Convolutional Neural Network and its application using FPGA Implementation
3		3.12.2020	11.10AM-11.40AM	Dr. A Jemeer Basha	Application of Artificial Intelligence in Waste Water Management
4		3.12.2020	11.45AM-12.15PM	Mr. B Kiruba	Potential of Augmented Intelligence in Clinical Decision Making, Risk Prediction and Intervention
5		3.12.2020	12.20PM-12.50PM	Mr. M Manicka Raja	Continuous Intelligence Mechanism for Decision Making in Smart Agriculture
6		3.12.2020	2.00PM-2.30PM	Mr. R Arun	Social Vulnerability Assessment in Context to Natural Disasters using Machine Learning Techniques
7		3.12.2020	2.35PM-3.05PM	Mrs. P Jeevitha	Deep Learning based Image Captioning System
8		3.12.2020	3.10PM-3.40PM	Mr. D Sridhar	Secured Source Documentation using Blockchain Technology
9		4.12.2020	10.00AM-10.30AM	Mrs. S Priyadarshini	Augmented Reality Assisted Behavioral Healthcare to Enhance Efficiency using Machine Learning
10	IT	4.12.2020	10.35AM-11.05AM	Mr. K Chola Raja	Designing of IoT based Intelligent Cloud Analytics System to Monitoring and Maintaining the Municipal Solid Wastages for Sustainable Smart Cities
11	MECH	4.12.2020	11.10AM-11.40AM	Mr. J Justin Maria Hillary	Design and Fabrication of Low-Cost Effective Electric Coiled Stir

					Casting Furnace Setup for Material Science Research Laboratory Development
12		4.12.2020	11.45AM-12.15PM	Mr. K M Arunraja	Experimental Investigation and Improvement on Performance of Solar PV panel under Various Environmental Conditions
13		4.12.2020	12.20PM-12.50PM	Mr. J Dixon Jim Joseph	Experimental Analysis and Training on Polymer Materials in 3D Printer
14		4.12.2020	2.00PM-2.30PM	Mr. A Jeevarathinam	Solar Cell Mounted Under Seats For Charging E-Bikes
15	ECE	4.12.2020	2.35PM-3.05PM	Mr. E Krishna Kumar	To Design a Fully Textile Fractal Monopole Wearable Antenna for Medical Imaging Applications
16		5.12.2020	10.00AM-10.30AM	Mr. N Rathan	Automatic Segmentation of Lung Lobes from Chest CT Scan Images for Clinical Treatment Planning
17		5.12.2020	10.35AM-11.05AM	Dr. B.Paulchamy	Mask and Temperature detection using facial Reorganization with Automatic hand Sanitizer Dispenser
18		5.12.2020	11.10AM-11.40AM	Dr. B.Paulchamy	Development of Cryptographic techniques for images using Discrete Rajan Transform
19	AERO	5.12.2020	11.45AM-12.15PM	Mr.T.Tamilselvan	Design and Development of Autonomous forest fire detection drone
20	PHY	5.12.2020	2.00PM-2.30PM	Dr.S.David Stephen	Development of Effective Drug for Alzheimer's Disease by Crystal Structure Simulation
21	MBA	5.12.2020	2.35PM-3.05PM	Dr. D M Navarasu	A Study on awareness and utilization of government welfare Schemes through mobile applications with special reference to rural areas of Coimbatore


Principal

HINDUSTHAN INSTITUTE OF TECHNOLOGY, COIMBATORE-32**RESEARCH SEED MONEY PROPOSAL SELECTED LIST****Academic Year 2020-21**

SNO	DEPT	NAME OF THE PI	TITLE OF THE PROPOSAL	AMOUNT In Rs
1.	CSE	Dr.A.Jameer Basha	Application of Artificial Intelligence in Waste Water Management	240000
2.		Dr.S.Lokesh	Nano Assistive Communication Device for Elderly and Speech Disability People after Stroke	210000
3.		Mr.R.Arun	Social Vulnerability Assessment in Context to Natural Disasters using Machine Learning Techniques.	208000
4.	IT	Mr.K.Cholaraja	Monitoring and Maintaining the Municipal Solid Wastages for Sustainable Smart Cities.	150000
5.	ECE	Dr. B.Paulchamy	Development of Cryptographic Techniques for Images using Discrete Rajan Transform	120000
6.		Mr. E Krishna Kumar	Design a Fully Textile Fractal Monopole Wearable Antenna for Medical Imaging Applications.	200000
7.	AERO	Mr. M. Harish	Design and Fabrication of Eagle Winglets on Aircraft	150000
8.	MECH	J. Justin Maria Hillary	Design and Fabrication of Low-Cost Effective Electric Coiled Stir Casting Furnace Setup for Material Science Research Laboratory Development.	260000
9.		Dixon Jim Joseph	Experimental Analysis and Training on Polymer Materials in 3D Printer	220000
10.	MBA	Dr. K Bharath & Dr. D.M.Navarasu	A Study on awareness and utilization of government welfare Schemes through mobile applications with special reference to rural areas of Coimbatore.	100000
Total				1858000


PRINCIPAL

Dr. C. Natarajan, ME.Ph.D.,
PRINCIPAL
Hindusthan Institute of Technology
Coimbatore - 641 032.