



# HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Valley Campus, Pollachi Highway, Coimbatore - 641032



REF. No.: HiCET/RC/2021-2022/ODD

Date: 09.07.2021

## CIRCULAR

The Research Committee meeting is scheduled on 14.07.2021 in Library Conference hall at 11.00 AM. All the members of research committee are requested to attend the Meeting.

### **Agenda:**

- Appreciation on Grants received
- Discussion on submission of patents
- Discussion on RGNIYD and INSA schemes
- Discussion on ANIHEES, ICSSR, Unnat Bharat Abhiyan schemes
- Allocation of departments for various proposals

**Research Coordinator**

**Principal**

**PRINCIPAL**

Hindusthan College of Engineering & Technology  
COIMBATORE - 641 032

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Dean Academics  
All Heads and members  
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(An Autonomous Institution, Affiliated to Anna University, Chennai)

Valley Campus, Pollachi Highway, Coimbatore - 641032



REF. No.: HiCET/RC/2021-2022/ODD

Date: 16.07.2021

## Minutes of Meeting

Name of the Meeting : Research Committee Meeting

Date and Time of the Meeting: 14.07.2021 11:00 AM, Library Conference Hall

### **Chairperson**

Dr.K.Karunakaran - CEO

### **Research Coordinator**

Dr.M.Mohanraj, Professor/MECH

### **Members**

S.No	Name of the Members	Designation & Department
1.	Dr.P.N.Magudeswaran	Dean - Academics
2.	Dr.C.Sabarinathan	Professor & Head/AUTO
3.	Dr.M.Seenuvasan	Professor & Head/CHEM
4.	Dr.S.Shankar	Professor & Head/CSE
5.	Dr.P.Vijayalakshmi	Professor/ECE
6.	Dr.B.Anand	Professor & Head/EIE
7.	Dr.N.P.Ananthamoorthy	Professor & Head/EEE
8.	Dr.S.Saravana Sundaram	Professor & Head/BME
9.	Dr.K.Siva	Professor Head/MECH
10.	Dr.I.Jasmine Selvakumari Jeya	Professor & Head/IT
11.	Dr.K.Samuvel	Professor & Head/MBA
12.	Dr.K.P.Uma	Professor & Head/S&H



## Meeting Minutes

- The Principal welcomed the members and informed that the following grants were received for conducting STTP and Skill Development programme in the Academic Year 2020-2021.

S.No	Title	Funding Agency	Fund Received in Rs.
1	Data Science	AICTE ATAL	Rs.93,000
2	Additive Manufacturing	AICTE ATAL	Rs.93,000
3	Internet of Things based Automation using Machine Learning	AICTE STTP	Rs.2,80,000
4	Potential and Challenges for Integrating 5G Networks and IoT Applications in Smart city Environment	AICTE STTP	Rs.3,59,000
5	Climate Resolution for Sustainable Change Development	AICTE SPICES	Rs.2,00,000

- The chairperson insisted to create awareness related to the activities of Intellectual Property Rights among faculties, research scholar and the students of the Institution by conducting workshops and seminars to equip the inventors with skills to convert their ideas in to a patentable document. The chairperson also insisted to apply more number of patents by identifying the notable Students project.
- The committee discussed about applying for more proposals in the area of Women Empowerment and Youth Development. The various schemes under Rajiv Gandhi national Institute of Youth Development and INSA was discussed and decided to apply for the above.
- The committee also discussed and decided to encourage Faculty members to publish their research papers in renowned journals.



- The committee discussed and decided to allot the various research proposal submission to the departments as follows

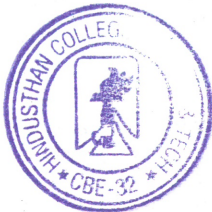
Scheme	Department
CSIR	All departments
RGNIYD	Mech, IT, Aero, Auto, EEE, BME, Food
ANIHEES	Agri
DST	All departments
AICTE – FDP	Civil,ECE
AICTE ATAL	CSE, IT
ICSSR	CSE, MBA
SERB	Food, MCT
Unnat - Bharat Abhiyan	ECE, CSE, IT

- The secretary informed about the various TNSCST project proposal schemes and decided to encourage the faculty members to submit as many proposals as possible.
- The secretary informed about the call for research seed money.
- The chairperson announced that to encourage all the faculty members to carry out their research; Incentives and other Benefits as per the norms of policy for promotion of research was given for the Faculty Members.
- All above suggestions will be communicated to the Management and Head of the Department for further action.

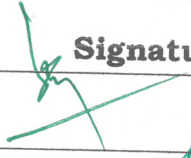
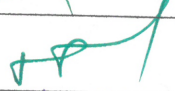
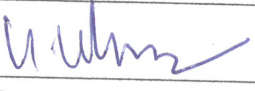
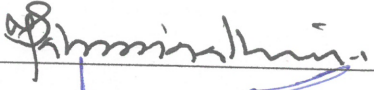
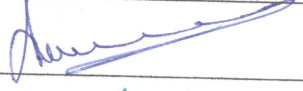
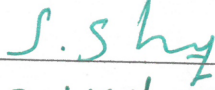
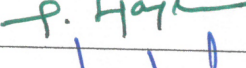
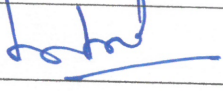
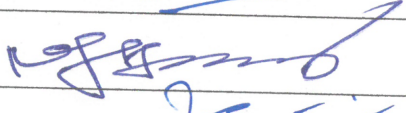
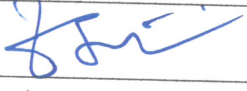


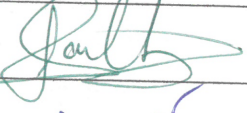
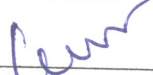
  
**Research Coordinator**

  
**Principal**

**PRINCIPAL**  
 Hindusthan College of Engineering & Technology  
 COIMBATORE - 641 032



**Signature of Members present:**

S.No	Name of the Members	Signature
1.	Dr.K.Karunakaran	
2.	Dr.P.N.Magudeswaran	
3.	Dr.M.Mohanraj	
4.	Dr.C.Sabarathan	
5.	Dr.M.Seenuvasan	
6.	Dr.S.Shankar	
7.	Dr.P.Vijayalakshmi	
8.	Dr.B.Anand	
9.	Dr.N.P.Ananthamoorthy	
10.	Dr.S.Saravasundaram	
11.	Dr.K.Siva	
12.	Dr.I.Jasmine Selvakumari Jeya	
13.	Dr.K.Samuvel	
14.	Dr.K.P.Uma	





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Valley Campus, Pollachi Highway, Coimbatore - 641032



REF. No.: HICET/RC/2021-2022/EVEN

Date: 14.12.2021

**CIRCULAR**

The Research Committee meeting is scheduled on 16.12.2021 in Board Room at 03:00 PM. All the members of research committee are requested to attend the Meeting.

**Agenda:**

- Appreciation on Grants received
- Discussion on proposals submitted under SERB, UGC, ICSR
- Discussion on Start-up Research Grant (SRG) Scheme
- Allocation of departments for submission of various research proposals

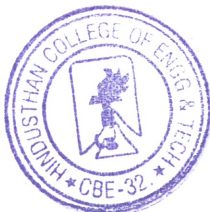
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Valley Campus, Pollachi Highway, Coimbatore - 641032



REF. No.: HiCET/RC/2021-2022/EVEN

Date: 20.12.2021

**Minutes of Meeting**

Name of the Meeting : Research Committee Meeting

Date and Time of the Meeting: 16.12.2021 03:00 pm, Board Room

**Chairpersons**

Dr.K.Karunakaran - CEO

Dr.J.Jaya – Principal

**Research Coordinator**

Dr.M.Mohanraj, Professor/MECH

**Members**

S.No	Name of the Members	Designation & Department
1.	Dr.P.N.Magudeswaran	Dean - Academics
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11.	Dr.K.Samuvel	Professor & Head/MBA
12.	Dr.K.P.Uma	Professor & Head / S&H



## Meeting Minutes

- The chair person welcomed the members and appreciated the faculty members efforts on preparing the proposal under various schemes during the Academic Year 2021 - 2022.

S.No	Schemes	No of Proposal
1	AICTE FDP	4
2	ANIHEES	2
3	CSIR	22
4	DST	7
5	ICSR	2
6	INSA	3
7	PROJECT PROPOSAL- COGNITIVE SCIENCE RESEARCH INITIATIVE (CSRI)	1
8	RGNIYD	8
9	Science Technology and Innovation (STI) based Entrepreneurship Training Programme	1
10	SERB	3
11	TNSCST	20
12	TNSCST-STPS	2
13	TNSCST-SPS	20
14	UGC	1
15	Unnat - Bharat Abhiyan	3

- The research coordinator informed that an amount of Rs.20,000 is sanctioned for Establishment of Intellectual Property Rights Cell
- The principal appreciated the faculty members for their valuable contribution towards the research by publishing research papers, books and patents.





- The principal conveyed a special appreciation to Mrs.P.Anitha AP/IT for successfully completing AICTE LITE - Web Development curriculum and being awarded as “AICTE LITE Faculty Coordinator”.
- The chairperson insisted to publish more number of patents.
- The proposals for **Research Seed Money** grant was evaluated and sanctioned an amount of Rs.8,97,000/- for the Academic Year 2021 - 2022. The department wise proposals accepted list is as follows

S.No	Name of the Principal Investigator / Name of the Co-Investigator	Title of the Project	Fund Alloted
1	Dr.C.Sabarinathan Dr.P.Jeyalakshmi	Enhance the Mechanical, Thermal and Electrical Properties of Alumina- mwcnts Hybrid Nanofiller Reinforced Epoxy Composites	Rs.92,500/-
2	Mr.R.Sakthivel Mr.M.Dinesh Kumar	Reuse of Non-Biodegradable Solid Waste as a Partial Replacement of Fine Aggregate in Concrete Blocks	Rs.50,000/-
3	Mr.R.Parthasarathi Mr.R.Senthil Kumar	Fiber Reinforced Pre Stressed Concrete Beam to Rebel Three Load Factor	Rs.45,000/-
4	Dr.M.Ganesh Dr.P.N.Karthikeyan	Experimental Investigation of The Aircraft Wing Spar to Enhance Fatigue Life	Rs.60,500/-
5	Dr.G.Jeevarathinam Ms.C.S.Neethu	Development and Assessment of Nutritional Composition, Sensory Profile and Consumer Acceptance of Multi-Seed Flour and its Incorporation into Low Cost Snacks	Rs.96,000/-
6	Mr.Dineshkumar Myilsamy Ms.P.Induja	Recovery and Improvement of Precious Metal Ions from E-Waste using Electrolysis Technique	Rs.95,000/-
7	Mr.T.Seerangurayar Dr.G.Jeevarathinam	Shelf-Life Enhancement of Neera (coconut sap) using Thermal and Non-Thermal Techniques	Rs.85,000/-



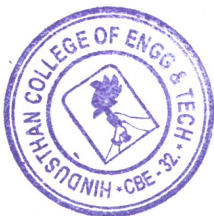
8	Mr.S.Dinesh Kumar Ms.Chinju Saju Ms.P.Athira	Cost Effective Biodegradable Vegetable Bags	Rs.55,000/-
9	Mrs.P.Raja Rajeswari Chandhini Dr. S Saravanasundaram	Prosthetic 3D Printed Bionic Arm	Rs.60,000/-
10	Dr.P.T.Saravana Kumar Mr.M.Kumaresan	Drone Surveys and Thermal Mapping	Rs.90,000/-
11	Dr.R.Navarasam Ms.T.Nivetha	Bioactive Compounds Enriched Spiced Dark Chocolate	Rs.65,000/-
12	Dr.P.F.Khaleer Rahiman Dr.K.Kalaiselvi	Railways Obstacle Detection System based on Improved CNN	Rs.25,000/-
13	Dr.I.Jasmine SelvakumariJeya Ms.T.Sakthi Sree	Automized Security System for Fire Accident in Residential and Commercial Places	Rs.30,000/-
14	Dr.S.Shankar Ms.M.Umapriya	VR Based Learning using Oculus and Virtual Reality in Educational Institutions	Rs.48,000/-

- The committee discussed and decided to apply ATAL FDP through the following departments CSE,ECE,EEE, IT,MECH
- A discussion on Start-up Research Grant (SRG) scheme which covers equipment, manpower, consumables, travel and contingency apart from overheads to assist researchers to initiate their research career was done.
- All above suggestions will be communicated to the Management and Head of the Department for further action.



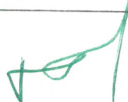
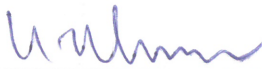


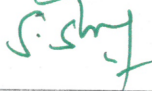







  
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