



## University of Science and Technology Meghalaya

Kling Road, Baridua, Ri-Bhoi, Meghalaya-793101

### Seed Money Approval Meeting

A meeting of RAC was conducted on 7<sup>th</sup> February, 2018 to evaluate project proposals submitted by the faculty members for seed grant up to 2.5 Lac. The recommendation of RAC members are enclosed along with all research proposals. The following research proposals are recommended and their details are appended below.

Sl. No.	Name of PI	Title of Project	Duration (Year)	Total Amount (Rs.)
1.	Dr. Prabal Sarkar	Study on the Mimosa invisa eradication techniques and their efficacy assessment	1yr	250,000.00
2.	Dr. Moutushi Das	Phytochemical study of medicinal plants used for treatment of cancer in Mon and Mokokchung districts of Nagaland	1yr	250,000.00
3.	Mr. Nitu Borgohain	Development of radiotelescope for observation of celestial objects	1yr	250,000.00
4.	Dr. Bhairab Sarma	Road blocked monitoring system	1yr	250,000.00
5.	Dr. Dipankar Dutta	Study on the toxicity of cabofuran on two fish species of the order Anabantiformes: Anabus testudineus & Channa punctata	1yr	250,000.00
6.	Dr. Gitumoni Sarma	A discussion on Minkowski's geometry of space time	1yr	250,000.00
7.	Mr. Ridip Sharma	Study of simple waves in Plasma	1yr	250,000.00
8.	Dr. Anil Seram Singh	Insilco molecular docking study of neuro protective plant derived bimolecular in Parkinson's disease	1yr	250,000.00

9.	Dr.Priyanka Kashyap	Association of risk factors and clinical features with oral cancer outcomes in Assam	1yr	250,000.00
10.	Dr. Uttam Thappa	Interaction of drugs with surfactants	1yr	250,000.00
11.	Dr. Hari Prashad Jaisi	Radioactivity measurement in and around USTM campus	1yr	250,000.00
12.	Dr. Sarifuddin Gazi	Synthesis of Alkyle and Aryle radical generators and their applications in fictionalization of pharmaceuticals in a photoradox catalysts	1yr	250,000.00
13.	Dr. Mousumi Choudhury	A study on women's customer satisfaction of two wheelers in Guwahati city	1yr	150,000.00
14.	Dr. Kunjokusum Kakoti	Impact and implication of RT-2009 development in primary education	1yr	150,000.00
15.	Dr. Jonali Chetia	Impact of teacher training on teaching efficiency of secondary school science teacher in Assam	1yr	150,000.00
16.	Dr. Samir Ul Hasan	An analytical study on production of tea in Assam	1yr	150,000.00
17.	Dr.Nazir Hussain	Menace of illegal taxation in Nagaland: A study of Dimapur district	1yr	150,000.00
18.	Dr. Jayjit Hazarika	Implementation of mid day meal scheme in the schools of Gohpur subdivision under Biswanath district, Assam	1yr	150,000.00
19.	Dr. Ajijur Rahman	Growth and performance of micro, small, and medium enterprises in Assam: a study of problems and prospects	1yr	150,000.00
20.	Dr. Thagiram Gogoi	Boarder trade market: A case study in dry fish market, Jagiroad, Morigaon, Assam	1yr	150,000.00
21.	Dr. Swarap Jyoti Baishya	Geoinformatics for urbanization and urban sprawl pattern analysis: A case study from Guwahati city	1yr	150,000.00
22.	Dr. Lalit saikia	Impact of climate change induced flood in Kaziranga National Park and adjacent area	1yr	150,000.00
23.	Dr. Rashmi Barua	A study on buying behaviors of the retail owners of HORECA for purobi products in Guwahati city	1yr	150,000.00
24.	Dr. Sankar Thapa	A study on socioeconomic profile of	1yr	160,000.00

		small rubber growers in Assam: a study of Karbi Anglong district		
25.	Dr. Sandeep Gupta	Harnessing the potentialities: Evaluating the prospects and problems of pilgrimages tourism in Kamakhya temple of Guwahati city of Assam	1yr	160,000.00

*R. Sandeep*  
Chairperson  
RAC, USTM

The Chairperson,  
Research Advisory Committee, USTM



## University of Science and Technology Meghalaya

Kling Road, Baridua, Ri-Bhoi, Meghalaya-793101

### Seed Money Approval Meeting

A meeting of RAC was conducted on 7<sup>th</sup> February, 2017 to evaluate project proposals submitted by the faculty members for seed grant up to 2.5 Lac. The recommendation of RAC members are enclosed along with all research proposals. The following research proposals are recommended and their details are appended below.

Sl. No.	Name of PI	Title of Project	Duration (Year)	Total Amount (Rs.)
1.	Dr. Mayuri Devee	Signatures on parton saturation	1yr	250,000.00
2.	Dr. Sanchita Roy	Significance of light scattering techniques in characterizing small particles of different origin	1yr	250,000.00
3.	Dr. Jyotishman Deka	Modelling the potential distribution of <i>Coptis teeta</i> using Maxent in lower Dibang valley District, A.P.	1yr	250,000.00
4.	Dr. Uttam Thappa	Aggregation and counter ion binding studies of surfactants in the presence of electrolytes	1yr	250,000.00
5.	Dr. Saiyyad Alamdar Husain	Development and evaluation of value added beverages from anole, papaya and pumpkin	1yr	250,000.00
6.	Mr. Satyakam Agarwala	Isolation, characterization and study of auto microbial activities of particles associated from blood	1yr	250,000.00
7.	Dr. Deboja Sharma	Isolation and characterization of Bio-surfactant producing micro-organism and to determine its in vitro antagonistic activity against phytopathogenic fungi	1yr	250,000.00
8.	Dr. Jonali Chetia	A comparative study of teacher education in Meghalaya and Assam	1yr	160,000.00
9.	Dr. Kunjokusum Kakoti	A study of teacher effectiveness and secondary students: Academic achievement in Kamrup district, Assam	1yr	160,000.00
10	Dr. Saru Joshi	A study on the problems of attitude of	1yr	160,000.00

		teachers towards inclusion of children with special needs in general school setting in the Ri-Bhoi district of Meghalaya		
11	Dr. Eahiya Al Huda	Assessment of Hydro-meterological parameters in Monu river, Tripura	1yr	160,000.00
12	Dr. Jnanashree Bora	Vaishnava religion practice in Morikolong, Nagaon	1yr	160,000.00
13	Dr. Anindita Bhattacharjee	Spider diversity in different habitats of Jaintia Hills of Meghalaya	1yr	150,000.00
14	Dr. Kughatoli V. Aye	Retrospection of one's culture through festivals and change: A study on Leshimi village, Nagaland	1yr	150,000.00
15	Dr. Nabarun Purkayastha	Educational Status of Jhorbil Villagers in Ri Bhoi District, Meghalaya	1yr	150,000.00



**Chairperson  
RAC, USTM**

The Chairperson,  
Research Advisory Committee, USTM



## University of Science and Technology Meghalaya

Kling Road, Baridua, Ri-Bhoi, Meghalaya-793101

### Seed Money Approval Meeting

A meeting of RAC was conducted on 7<sup>th</sup> February, 2016 to evaluate project proposals submitted by the faculty members for seed grant up to 2.5 Lac. The recommendation of RAC members are enclosed along with all research proposals. The following research proposals are recommended and their details are appended below.

Sl. No.	Name of PI	Title of Project	Duration (Year)	Total Amount (Rs.)
1.	Dr. Durlov Saikia	Removal of contaminants from water using different synthesized and natural absorbent	1yr	250,000.00
2.	Dr. Moutushi Das	Production of Jatropa soap (anti-bacterial) from Jatropa Oil	1yr	250,000.00
3.	Dr. Bakhtiar Hussain	Study of the diversity of grasshopper of Howli area of Barpeta district	1yr	250,000.00
4.	Dr. Prabal Sarkar	Hunting tradition of Adi- Tribe and its impact on wild life conservation in Arunachal Pradesh	1yr	250,000.00
5.	Dr. Bulbul Acharjee	Quality Assessment between the preserved and local fishes of Assam	1yr	250,000.00
6.	Dr. P.K. Baruah	Production of Citric acid using Penicillium sp., a different solid substrate	1yr	250,000.00
7.	Mr. Nitu Borgohain	Investigation of higher order nonlinearities in different nonlinear optical media, emphasizing the phenomena generating new frequencies	1yr	250,000.00
8.	Dr. Papiya Dutta	Training of Mashroom cultivation	1yr	150,000.00
9.	Dr. Abdur Rashid	A study on micro-finance penetration in selected villages of Ri-Bhoi District of Meghalaya	1yr	160,000.00

10.	Dr. Polakshi Bhattacharyya Baruah	The socio-economic status of fisherman: A case study of Songsak village of Meghalaya	1yr	150,000.00
11.	Dr. Eahiya Al Huda	Assessment of water resources and its impact on society in the lower Dikrong River Catchment, Assam	1yr	150,000.00
12.	Dr. Anindita Bhattacharyya	People's perception on human-wildlife conflict around Laokhowa Wildlife Sanctuary of Assam	1yr	150,000.00
13.	Dr. Thagiram Gogoi	Ethano Medicinal plant: A case study in Ri-Bhoi District, Meghalaya	1yr	160,000.00
14.	Dr. A.C. Talukdar	Women Empowerment and self help group: A study in Dhuburi District	1yr	160,000.00
15.	Ms. Jyoti Hati Barua	Contractual Labour: A study in selected organization of Assam	1yr	150,000.00



Chairperson  
RAC, USTM

The Chairperson,  
Research Advisory Committee, USTM



## University of Science and Technology Meghalaya

Kling Road, Baridua, Ri-Bhoi, Meghalaya-793101

### Seed Money Approval Meeting

A meeting of RAC was conducted on 7<sup>th</sup> February, 2015 to evaluate project proposals submitted by the faculty members for seed grant up to 1.5 Lac. The recommendation of RAC members are enclosed along with all research proposals. The following research proposals are recommended and their details are appended below.

Sl. No.	Name of PI	Title of Project	Duration (Year)	Total Amount (Rs.)
1.	Dr. Deboja Sharma	Study on Phytochemical analysis, anti oxidant activity and detection of bio active components present from the tuber of <i>Stephania Graba</i>	1yr	150,000.00
2.	Mr. Shamikhu Changmai	Study on traditional Agro- Forestry systems in Kohima district of Nagaland with special reference to Jhum cultivation	1yr	150,000.00
3.	Dr. Bulbul Acharjee	Artificial breeding and rearing of <i>Badis</i> sp.- an important indigenous ornamental fish of Assam	1yr	150,000.00
4.	Mr. Rizaal Karim	Micronucleus investigation in exfoliated buccal epithelial cells among tobacco chewers, smokers and controls	1yr	150,000.00
5.	Dr. Kanak Chandra Bora	On-line bill payment system	1yr	150,000.00
6.	Dr. Bedabati Chowdhury	To study the effect of cadmium stress on growth and physiology of pea plants	1yr	150,000.00
7.	Dr. Milu Rani das	Effect of water stress in vegetable production	1yr	150,000.00
8.	Mr. Anup Kr. Bordoloi	Study on Microstrip Rectangular Patch Antenna: Tuning in C-Band	1yr	150,000.00
9.	Dr. Ranec Das	Diversity of algal flora of kling area, Ri-Bhoi District, Meghalaya	1yr	150,000.00
10.	Mr. B.I. Laskar	Comparative analysis of educational status of Garos and Rabhas of Meghalay	1yr	80,000.00



11	Dr. Polakshi Bhattacharyya Baruah	A study on Plum cultivation with special reference to Enhulumi Village, Phek District, Nagaland	1yr	80,000.00
12	Dr. Amit Choudhury	Resource Mapping in Baridua, Killing Road, Ri-Bhoi, Meghalaya	1yr	80,000.00
13	Mr. Subhash Limbu	Entrepreneurship Development: the role of Nagaland bamboo development agency	1yr	80,000.00
14	Ms. Girimallika Sarma	Survey on street vendors in Guwahati city"	1yr	80,000.00
15	Dr. Sandeep Gupta	Social support system of the migration widows in Mawsmai Village of Ri-Bhoi District of Meghalaya	1yr	80,000.00
16	Dr. Manash Nath	South bank erosion of the river Brahmaputra in Morigaon District, Assam	1yr	80,000.00
17	Dr. Nabarun Purkayastha	Socio-economic condition of Koiborto Community in Ganakucchi Village	1yr	80,000.00
18	Mr. Harimal Thakuri	A study on social security measures for unorganized workers with special reference to selected districts of Meghalaya	1yr	80,000.00
19	Dr. A.C. Talukdar	Woman empowerment and self group: A study in Dhubri district of Assam	1yr	80,000.00



**Chairperson  
RAC, USTM**

The Chairperson,  
Research Advisory Committee, USTM



## University of Science and Technology Meghalaya

Kling Road, Baridua, Ri-Bhoi, Meghalaya-793101

### Seed Money Approval Meeting

A meeting of RAC was conducted on 7<sup>th</sup> February, 2014 to evaluate project proposals submitted by the faculty members for seed grant up to 1.5 Lac. The recommendation of RAC members are enclosed along with all research proposals. The following research proposals are recommended and their details are appended below.

Sl. No.	Name of PI	Title of Project	Duration (Year)	Total Amount (Rs.)
1.	Dr. Suresh Chandra Das	Micro propagation of indigenous medicinal plants from Ri-Bhoi district of Meghalaya	1yr	150,000.00
2.	Dr. Durlov Saikia	Removal of organic pollutants from contaminant coater using zeolite	1yr	150,000.00
3.	Mr. B.I. Laskar	A study on Gram Tarang employability training services, Byrnihat, Meghalaya	1yr	80,00,000
4.	Mr. Debashish Bora	Plant growth promoting Activities among fluorescent pseudomonads from Ri-Bhoi district of Meghalaya with special reference to their biocontrol potential	1yr	150,000.00
5.	Dr. Sony Kumari	Study on growth regulators and chemical stress on growth of Allium Cepa L.	1yr	150,000.00
6.	Dr. Gautam Kr. Sarma	A project report on the study about the polyester resin and bagasse fiber as natural fiber reinforced composite polymer	1yr	150,000.00
7.	Dr. Bakhtiar Hussain	Study of diversity of Odonate of Guwahati city	1yr	150,000.00
8.	Dr. Durlov Saikia	Synthesis and characterization of ZSM-5 & its application	1yr	150,000.00
9.	Dr. (Md)Maqbul Ali	Socio- economic status of Viswama village in Kohima district of Nagaland	1yr	80,000.00
10.	Dr. Papiya Dutta	Apiculture: Installation of honey bee live in USTM campus	1yr	80,000.00
11.	Dr. Manash Nath	Traffic prospects: A smart city approach for Guwahati city	1yr	80,000.00
12.	Dr. Abdur Rashid	A critical look into Pradhan Mantri Mudra Yojna with reference to West Jaintia hills district, Meghalaya	1yr	80,000.00
13.	Ms. Palmec Borthakur	Vegetable cultivation techniques in Mawlot village and Nongthamai village	1yr	80,000.00
14.	Ms. Rashmi Baruah	A study on consumer perception and buying behavior of Amul Pouch Milk with special reference to Guwahati City	1yr	70,000.00
15.	Mr. Gautam Gogoi	Library automation and networking: Study on Rajiv Gandhi University, AP and NEHU, Shillong	1yr	80,000.00
16.	Dr. Sankar Thapa	A study on the socio-economic status of women	1yr	80,000.00

		street vendors in the Guwahati city of Assam		
17.	Dr. (Md)Maqbul Ali	Social change among the Angamis of Viswama village, Kohima district of Nagaland	1yr	70,000.00
18.	Dr. Manash Nath	The status of NRHM on quality health and development of Wokha District, Nagaland	1yr	80,000.00
19.	Dr. Anup Kr. Bordoloi	Design of Microstrip patch antenna: Tuning within C- band	1yr	100,000.00

 **Chairperson  
RAC, USTM**

The Chairperson,  
Research Advisory Committee, USTM