



TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME  
VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY: BURLA

TEQIP

P.O : Engineering College, Burla (Siddhi Vihar), Dist : Sambalpur Odisha -768018, INDIA  
Ph : 0663-2430211, Fax : 0663-2430204 Website : www.vssut.ac.in

No. VSSUT/TEQIP/ 128/2020

Dated: 25/01/2020

**NOTICE**

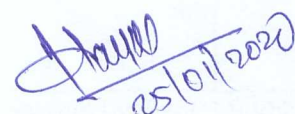
It is to inform that, after thorough examination of the proposals submitted by the M.Tech students, TEQIP – III of this University has offered the financial assistance under “Research & Development Head (Component 1.1.2.5) of TEQIP – III to the following M.Tech students for procuring spare parts and consumables only, which will be required for their “Project work”. The concerned students are required to procure the above materials and submit their bills latest by 29<sup>th</sup> February 2020 for reimbursement. **No bill received after 29<sup>th</sup> February 2020 will be considered for reimbursement. The reimbursement will be made as per TEQIP guidelines.**

List of Research Proposals recommended for award of project grant from TEQIP – III (M.Tech)						
Sl No.	Title of the Project	Programme	Dept	Name of Supervisor	Name of the Student(s)	Amount
1	Effect of silica fume on mechanical properties of light weight conc. using flyash chemosphere& sintered flyash .	M. Tech	Civil	Prof. A. N. Nayak	Abinash Padhy	10,000. 00
2	Durability and microstructural characterisation of concrete containing steel slag & RCA	M. Tech	Civil	Prof. A. N. Nayak	Srigdha Senapati	9,900. 00
3	Study of rate of hydration of cement mortar in replacement of GGBS.	M. Tech	Civil	Prof. A. N. Nayak	Amrita Patnaik	10,000. 00
4	Wetting Characterization of brazed ceramics with metals in high vacuum brazing furnace	M.Tech	Mechanical	Dr. S. K. Sarangi	Amlan Ashish	10,000. 00
5	Characterization of and Machinability study of AISI 52100 steel by advanced C-Type and S-Type cutting tools	M.Tech	Mechanical	Dr. S. K. Sarangi	Satyabrata Barik	10,000. 00
6	Mechanical & thermal analysis of natural fiber reinforced hybrid polymer composite.	M. Tech	PE	Dr. Sarojarani Pattnaik	Satyajit Dwibedi	9,912. 00

7	Experimental Study of free vibration behaviour of dlamemated steffemed composite plates with cut dut.	M.Tech	Ciivl	Ms. Leena Sinha	Dibya Shankar Ping	10,000. 00
8	Multivariable analysis of change in fatigue strength due to wire EDM machining.	M.Tech	Mech	Dr. Punyapriya Mishra	Harpreet Singh	10,000. 00
9	Sintering of ferrous based alloyed powders for high performance components	M.Tech	Mech	Dr. B. B. Pani	Sidhartha Biswal	10,000. 00
10	Evaluation of physical, Mechanical & Morphological properties of chemical treated epoxy composites reinforced with date palm leaf fibers and glass fibers	M. Tech	Mech	Ms. Janaki Dehury	Devidutta Sutar	10,000. 00
11	Sintering of ferrous based alloyed powders for high performance components	M.Tech	Mech	Dr. B. B. Pani	Abhayjeet Kumar Dubey	10,000. 00
12	Mechanical Characterization of polymer based Palmyra palm leaf-stalk/glass reinforced hybrid composite	M.Tech	Mech	Dr. Chitta Ranja Deo	Sunil Kumar Das	10,000. 000
13	Mechanical Characterization of polymer based Palmyra palm leaf-stalk/glass reinforced hybrid composite	M.Tech	Mech	Dr. Chitta Ranjan Deo	Smitismita Baskey	10,000. 00
14	Combined numerical and experimental analysis of ball bearing	M.Tech	Mech	Dr. P. C. Mishra	Gourang Charan Rout	10,000. 00
15	A detailed analysis of thermal mechanical & micro-structural characteristics of ceramic epoxy composites for heat-shield components in automobiles	M.Tech	Mech	Dr. Debasmita Mishra	Subrat Kuamr Acharya	10,000. 00
16	Thermo –mechanical analysis on jute/pond as hybrid polyester composite	M.Tech	Mech	Dr. PTR Swain	S. Tejeswar Rao	10,000. 00
17	Understanding the phenomena of material removal and surface roughness of EDMed surfaces based on microsructural and mechanical characterization	M. Tech	Mech	Dr. Swagatika Mishra	Sibananda Sahoo	8,600. 00
18	Modelling overtaking & path selection delcision in weak lane traffic with heterogeneous traffic stream	M.Tech	Civil	Mr. Pratap kuamr Pradhan	Namrta Bishi	10,000. 00
19	Delay at signalized intersections under mixed traffic conditions.	M.Tech	Civil	Prof. S. S. Das	Indrani Mukherjee	10,000. 00

20	Modelling of overtaking maneuver of driver with lateral clearance	M.Tech	Civil	Mr. Pratap kumar Pradhan	Shubhashis Bhoi	10,000. 00
21	Experimental Analysis of abrassine jet machining on almina ceramic	M.Tech	Mech	Dr. Santosh Kumar Sahu	Binayak Dihiria	10,000. 00
22	Theoretical and Experimental Investigation of Nonlinear vibrational characteristic of functionally graded sandwich curved panel	M.Tech	Mech	Mr. Layatitdev Das	Bikash kumar Das	10,000. 00
23	Sensorless control method for BLDC motor.	M.Tech	EE	Mrs. Nuta Saha	Manasi Patro	9,900. 00
24	Friction Stir welding of similar and dissimtlar Alloys.	M.Tech	Mech	Dr. P. P. Mohanty	S. A. Mohanty	10,000. 00
25	Development of a high temperatures resistance concrete using pumice 4 industrial waste	M.Tech	Civil	Prof. S. K. Patro	Saharsansu Purahit	10,000. 00
y26	Effect of termary cement and industrial solid waste as aggregate on corrosion assement of concrete	M.Tech	Civil	Prof. S. K. Patro	Sarojini Jena	10,000. 00
27	Effect of suring type on mechanical properties of light weight concrete with steel fibre	M.Tech	Civil	Dr. Asim Kumar Mishra	Manorama Kishor	10,000. 00
28	Residual strength of fiber reinforced flyash mixed concrete subjected to eleted temperature.	M.Tech	Civil	Dr. Ramkrishan Dandpat	Manoranjana Patra	6,600. 00
29	Effect of calcium aluminate cement on mechanical and microstouctural properties of geopolymer concte	M.Tech	Civil	Mrs. Sanghamitra Jena	Abhijit Swain	10,000. 00
30	Effect of RCA and concrete of rengn on SCGPC Beam	M.Tech	Civil	Dr. S. K. Panigrahi	Itishree Behera	10,000. 00
31	Study on shear spon ot depth ratio & size effect on shear deficient reinforced geopolymer self computing concrete using RCA	M.Tech	Civil	Dr. S.K. Pangrahi	Amit Ku. Kar	10,00. 00
32	Multi –objective optimization of process parameters of Wire EDM Aluminum 5454	M.Tech	Mech	Dr. Punyapriya Mishra	Pabitra Kumar Sahu	10,000. 00
<b>TOTAL</b>						<b>3,14,912. 00</b>

By order of the Vice - Chancellor

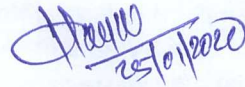
  
25/01/2020  
Coordinator TEQIP –III

Memo NO. VSSUT/TEQIP/ 129/ 2020

Date 25/01/2020

Copy to:

- 1) Dean, F&P, with a request to hoist the notice in University website:  
[www.vssut.ac.in](http://www.vssut.ac.in) for vide circular.
2. Concerned HoDs for information. They are requested to inform the concerned students.
- 3) P.A to Vice – Chancellor for kind information of Hon'ble Vice – Chancellor.
- 4) State Project Implementation Unit (SPIU), Odisha for kind information.

  
25/01/2020

**Coordinator TEQIP –III**