

Government College of Engineering, Salem- 11

(An Autonomous Institution affiliated to Anna University, Chennai)



SELF-STUDY REPORT



CRITERION 3

3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years

(Submitted to National Assessment and Accreditation Council)

Self Declaration

This is to certify that the supporting documents for this metric exceed the 5MB upload limit. Therefore, links to sample documents and some samples are provided in the following pages. Any/all Supporting documents will be provided, if required. All links, documents and images are verified and authenticated.



IQAC – Chairperson

**Internal Quality Assurance Cell
Govt. College of Engineering
Salem - 636 011.**

3.2.1. Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years. (From 2018 – 2019 to 2022 – 2023)

3.2.1.1: Total Grants research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years (From 2018 – 2019 to 2022 – 2023) (INR in Lakhs)

Supporting Document
Declaration - 3.2.1 / Link 1
3.2.1 / Link

S. No	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount INR in Lakhs
1	Dr. A.M.Kalpana, TEQIP-III Coordinator	Research and Assistantship	TEQIP III	2018-2019	2017	1.47
2	Dr. A.M.Kalpana, TEQIP-III Coordinator	Research Assistantship	TEQIP III	2018-2019	2017	12.36
3	Dr.M.Santhi, AP/ECE	Modernization & Removal of Obsolescence in Communication Systems Lab	AICTE	2018 - 2019	2019	13.06

4	Dr. M Anbarasu, AP/Civil	Investigation on the strength and behaviour of cold-formed steel build-up battened columns	UGC- SERO,Hyd erabad	2018 - 2019	2019	2.63
5	Dr.R.Vijayan, HoD/Mech	EDS Attachment for SEM	TEQIP III	2018 - 2019	2018	30.20
6	Dr. V.Rajkumar, TEQIP-III Coordinator	Research and Assistantship	TEQIP III	2019 - 2020	2017	2.79
7	Dr. V.Rajkumar, TEQIP-III Coordinator	Research Assistantship	TEQIP III	2019 - 2020	2017	22.32
8	Dr. D.Murali, TEQIP-III Coordinator	Research and Assistantship	TEQIP III	2020 - 2021	2017	1.62
9	Dr.R.Malayalamurthi/ Principal	Tamil Nadu Startup and Innovation Mission	Tamil Nadu Startup and Innovation Mission	2022 - 2023	2022	53.37
Total amount of Research funding INR in Lakhs						139.82


PRINCIPAL
GOVT. COLLEGE OF ENGG.,
SALEM-636 011

Sample / Reference Research and Development

GOVERNMENT COLLEGE OF ENGINEERING, SALEM-11

TEQIP-III- R&D

Submitted to the principal

Sub: TEQIP-III -R&D -providing incentive for paper publication to staff members requested-Reg.

As per the guidelines of NPIU, it is decided to provide an incentive of Rs.3000/- per paper subject to a maximum of 5 papers /year/author (internal only) to staff members with effect from June 2018 May-2019 under the following Head of TEQIP-III-R&D.

The following faculty members are to be given an incentive of amount mentioned against their name

INCENTIVE DETAILS FOR THE PERIOD FROM

JUNE 2018 TO MAY 2019

S.No	Name of Department	Name of the Staff	Total No. of Papers	Total amount
1.	Civil	Dr.D.Shoba Rajkumar	1	3000
		Dr.V.Rajkumar	4	12000
		Dr.M.Anbarasu	5	15000
		Prof.P.Senthamilselvi	1	3000
2.	Mechanical	Dr.R.Vijayan	5	15000
		Dr.T.Balusamy	4	12000
		Prof.A.Baraniraj	2	6000
		Dr.S.Sivalakshmi	5	15000
		Dr.R.Vivekananthan	2	6000
		Prof.R.Jamuna	2	6000
		Dr.M.Mohanraj	3	9000
		Prof.K.Sakunthala	3	9000
		Dr.v.Satheeshkumar	3	9000
		Prof.P.Natarajan	1	3000
3.	EEE	Dr.V.Geetha	2	6000
		Dr.A.Rubymeena	1	3000
		Dr.T.R.Sumithira	5	15000
		Dr.S.Ganesan	5	15000
4.	ECE	Dr.C.Govindaraju	4	12000
		Dr.C.Vasanthanayaki	3	9000
5.	CSE	Prof.M.Dhinakaran	1	3000
		Dr.A.M.Kalpna	2	6000
		Dr.R.Golda Brunet	2	6000
		Prof.K.Saraswathi	1	3000
		Dr.C.Rani	1	3000
6.	Metallurgical	Prof.S.Ruba	1	3000
		Asso.Prof.D.Noorullah	3	9000
		Dr.K.Venkatesan	3	9000
		Prof.M.Deepak kumar	1	3000
		Dr.B.Anandavel	2	6000
		Dr.s.Dhanalakshmi	1	3000
7.	English	K.T.Thilagam	2	6000
8.	Chemistry	Prof.P.Sakthivel	2	6000
9.	Maths	Dr.T.Venigopal	1	3000
		Prof.V.Mahadevan	5	15000
Total			94	282000

Place: Salem

Date: 18.7.19

35
36

R&D Co-ordinator

Dr. M. ANBARASU

TEQIP Sec 15

21/07/19
18/7/19

Sample / Reference Research Assistantship

**PROCEEDINGS OF THE PRINCIPAL, GOVERNMENT COLLEGE OF ENGINEERING,
SALEM-636 011.**

Presents: **Dr. G.VIMALA ROSALINE, Ph.D,
PRINCIPAL**

TEQIP Phase -III

Proceedings No:575 /TEQIP-Phase-III/ ITLR/ Assistantship /date: 08.2019

Sub: Technical Education – Govt. College of Engineering, Salem 11 – Stores Towards the payment for “Research Assistantship for full time Ph.D. scholars” for the month of July -2019 - TEQIP phase-III-Bill Amount sanction accorded - regarding.

Ref: 1. Go.Ms.No.362/Higher Education (J1) Department dated: 22.12.2017
2. Letter from Research scholars, GCE, Salem, Dated: 16.08.2019

Under the powers delegated in the reference cited above, sanction is hereby accorded to incur an expenditure of **Rs.12, 000*11=1,32,000/- (Rupees One Lakh Thirty Two Thousand Only)** towards the Payment for “Research Assistantship for full time Ph.D. scholars” for the month of July-2019.

The amount has been sanctioned to Ph.D. scholars.

With reference to the letter cited above, the amount has been transferred through PFMS online payment to “M.Stanelybritto, AC.NO: 20467243965, S.Karthikeyan, AC.NO: 20017906948, M.Venkatesan, AC.No: 10283001835, P.Dineshkumar, AC.No: 20221989729, T.Anbukumar, AC.No: 341001000006166, **R.AlexArputhanathan, AC.No:075130100022062** G.Sivaraj,AC.No:1004561177, M.PrithiviRaj, AC.NO: 50100231475315, R.Mahadevan, AC.NO: 62452001973, G.Vijayakumar, AC.No: 35639829885, S.Preveen Kumar, AC.No:916010042369452 under TEQIP Phase III Account.

The expenditure is debitible to the following **TEQIP Phase -III** Head of Account: -
“Assistantship”.

25/8/19
PRINCIPAL

Copy to :

1. Research scholars, GCE, Salem
2. TEQIP-III Coordinator
3. TEQIP -III Finance Nodal officer

Dr. G. Vimala Rosaline
16/08/19

[Signature]
16/08/19

Sample / Reference Modernisation of Labs

ANNEXURE - VII

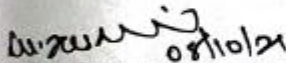
FORMAT for UTILIZATION CERTIFICATE

Sanction Letter No. File No.9-19/RIFD/MODROB/Policy-1/2017-18 Date: 04.04.2019

A. NON-RECURRING

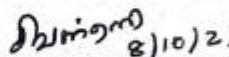
Sl. No.	Name of the Equipment Procured	Amount Sanctioned	Amount Utilized (Item wise)	Unspent Balance
1	Vector signal Generator	Rs. 13,06,000/-	Rs.12,99,888/-	Rs.6,112/-

Certified that the grant has been utilized for the purpose For which it was sanctioned in accordance with the "Terms and Conditions" attached to the grant. If, as a result of check or audit objection some irregularity is noticed at a later stage, action will be taken to refund, adjust or regularize the amount objected to.


08/10/21

Finance Officer
(Signature and Seal with date)

BURSAR
Govt. College of Engg.
SALEM-636 011


2/10/21

Registrar /Principal/ Director
(Signature and Seal with date)

PRINCIPAL
GOVT. COLLEGE OF ENGG.

SALEM - 636 011
Government College of Engineering,
Bangalore Main Road
Salem -636011
Tamilnadu

Name and Address of the
University/ Institution

Note: The Utilization Certificate (UC) will be signed by the Registrar/ Finance Officer in the case of Universities, Principals in the case of Colleges and Executive Heads of other Institutions. The Provisional UC may be countersigned by the internal auditors wherever the system of the internal audit exists. In case of the Self Financing/ Private Institutions, UC has to be signed by a Chartered Accountant.

*This is to be submitted for every financial year.

Sample / Reference UGC Minor Projects



UNIVERSITY GRANTS COMMISSION-SOUTH EASTERN REGIONAL OFFICE
A.P.S. Bldg. (4th Floor) 5-9-194, P.B. No.152, Chirag-Alli-Lane HYDERABAD- 500 001
Ph: 040-23204735; Fax: 040-23204734 Email: ugcsero@gmail.com

F.NO:4-4/2015-16(MRP /UGC-SERO)

October, 2016

MOST URGENT

The Principal
GOVERNMENT COLLEGE OF ENGINEERING
SALEM 636011.

PROPOSAL NUMBER : 4211.

Sir/ Madam,

This has reference to the Minor Research Project titled Investigation on the strength and behavior of cold-formed steel built-up battened columns submitted by M.ANBARASU, Department of CIVIL ENGINEERING of your college. In this regard I am to inform you that the UGC has provisionally considered the proposal for financial assistance to the tenure of Rs. 274000.. In case the Principal Investigator is interested in undertaking the project, the **enclosed Acceptance Certificate** may be filled in all respect and sent to this office immediately through **email:mrpugcsero@gmail.com**.

The proposal number mentioned above may be mentioned in the covering letter & in the Acceptance Certificate.

Encls: As mentioned

Yours faithfully

(Dr.G.Srinivas)
Joint Secretary

Copy to:

M.ANBARASU
Department of CIVIL ENGINEERING
GOVERNMENT COLLEGE OF ENGINEERING
SALEM 636011.

(Dr.G.Srinivas)
Joint Secretary

Copy 1
Pw
21/10/16
To Dr/MS

Sample / Reference EDS Attachment for SEM

PURCHASE ORDER

Reference No : TEQIP-III/2018/gces/Shopping/6
 Date of Issue : 10-May-2018
 Subject : TEQIP-III/GCES/MECH/05

Purchaser : The Principal,
 Government College of Engineering,
 Salem- 636011.

Supplier Name : M/s Advanced Scientific Equipment Pvt. Ltd.
 F-2, First Floor, Opp. Punjab National Bank, #67,
 Eldams Road, Alwarpet, Chennai, TAMIL NADU, 600018.

With reference to our correspondence, Government College of Engineering Salem is pleased to award this detailed Purchase Order to M/s Advanced Scientific Equipment Pvt. Ltd., for supply of items as per the details given below at a total cost of 3020018.00 (Rupees Thirty Lakh Twenty Thousand Eighteen Only):

Sr. No	Item Name	Quantity	Unit Cost (Rs.)	Total Cost (Rs.)	Delivery Period
1	EDS Attachement for SEM	1	2559337	2559337	60 days

Total price (without taxes) : Rs. 2559337.00
 Total applicable taxes : 18 %
 Total price (with taxes) : Rs. 3020018.00
 Total Octroi : Rs.

Delivery : Government College of Engineering Salem
 Testing/Installation :
 Clause (if any) : Testing and Installation is required.
 Training Clause (if any) : Is required
 Technical Specifications : As per Annexure - 1
 Delivery Period : As specified for each item from date of issue of confirmed purchase order or as early as possible.
 Warranty : 12 Months
 Payment Terms : Delivery and Installation - 0% of total cost
 Satisfactory Acceptance - 100% of total cost

For
 Government College of Engineering Salem

Handwritten: 23/05/2018
 (Authorized Signatory)
D.A.G. VIMALA ROSALINE, Ph.D.
 Name & Designation
PRINCIPAL
 Government College of Engineering
 Salem - 636 011.
 Signature
 Date
 Address

Sample / Reference Establishment of Innovative TN Lab



ABSTRACT

Technical Education – Announcement made by the Hon'ble Minister for Higher Education for the year 2021-22 – Establishment of Innovate TN Lab in three Government Engineering Colleges at Salem, Tirunelveli and Srirangam by Tamil Nadu Startup Innovation Mission (TANSIM) through M/s.Coimbatore Innovation and Business Incubator (CIBI)–Allocation of fund as Recurring Expenditure for five years from the year 2022-23 to 2026-27 and Sanction of Expenditure for the year 2022-23 – Orders – Issued.

Higher Education (J1) Department

G.O.(Ms) No.111

Dated: 22.06.2022

சபகிருது வருடம், ஆனி 8

திருவள்ளூர் ஆண்டு.2053

Read:

1. Announcement made by the Hon'ble Minister for Higher Education on 26.8.2021.
2. The Mission Director, Tamil Nadu Startup and Innovation Mission Letter ROC No. 96 / TANSIM / 2021 dated 21.10.2021.
3. The Commissioner of Technical Education Letter No. 33346/ H3/ 2021 Dated 27.04.2022.

ORDER:

In the Budget Session 2021-22, the Hon'ble Minister for Higher Education has made the following announcement on 26.8.2021:

"ஆசிரியர்கள் மற்றும் மாணாக்கர்களின் படைப்பாற்றல் மற்றும் தனித் திறன்களை மேம்படுத்த 5 மண்டலங்களில் செய்கலைஞர் ஆய்வுக்கூடம் (Fab Lab / Makersspace) நிறுவப்படும்".

2. The Commissioner of Technical Education in her letter third read above, has stated that Fab-Makerspace Labs are being established in a way that the students can learn through personalized experiences, technical mentoring, learning by doing apart from deep exposure to tools and techniques for prototyping innovative solutions using creative technologies covering IoT sensors, edge computing & networks, additive manufacturing, industrial automation, robotics, artificial intelligence, AR/VR etc. She has further stated that in order to implement the above announcement, a detailed proposal was submitted to the Tamil Nadu Startup Innovation Mission (TANSIM) and requested to extend the financial assistance for

Sample / Reference Establishment of Innovative TN Lab

- 2 -

the establishment of Fab-Makerspace Labs and the Tamil Nadu Startup Innovation Mission (TANSIM) has approved the proposal for the establishment of 3 Fab-Makerspace Labs at Government College of Engineering, Salem, Tirunelveli and Srirangam.

3. The Commissioner of Technical Education has further stated that the Tamil Nadu Startup Innovation Mission has sought Request for Proposal (RfP) for Empanelment of Programme Management Partners [PMP] by calling for Request for Proposals for establishing and operating Fab-Makerspace Lab to stimulate local innovations and promote technical entrepreneurship as a 5 year Turnkey project on a BOT [Build Operate Transfer] Model. She has also stated that Coimbatore Innovation and Business Incubator (CIBI), branded and popularly known as Forge has been empanelled by Tamil Nadu Startup Innovation Mission (TANSIM) as PMP with the responsibility to set up the Fab-Makerspace Lab as InnovateTN Labs as per the Fab Lab standard established by the MIT's Center of Bits and Atoms. This shall include the designing of the space, procurement of equipment, related tools, consumables, managing resources, hiring staff, setting up processes for functioning of the lab, obtaining the Fab Lab licence and promoting the center to a Fab Academy Node.

4. The Commissioner of Technical Education has sent detailed proposal consisting of Vision of InnovateTN Labs and programmes offered by FORGE, grant approval by the TANSIM etc.,. She has stated that the Tamil Nadu Startup Innovation Mission (TANSIM) has approved an amount of Rs.2,97,34,820/- as a grant for Establishment of Fab Makerspace Lab (InnovateTN Lab) at 3 Government Engineering Colleges by Forge in collaboration with Directorate of Technical Education. TANSIM has released an advance amount of Rs.160.11 lakh for setting up of Tech Infrastructure out of the approved budget of Rs.297.35 lakh to begin the work in all the three Government Engineering Colleges. The Tamil Nadu Startup and Innovation Mission has issued a grant approval letter to Forge for commencement of the work at 3 centres as per the work order. She has also stated that the necessary provision for the fund requirement for the maintenance of equipment & upgradation, lab consumables at 3 centres shall be provided by Directorate of Technical Education from the amount already budgeted for the year 2022-23 to the 3 Government Engineering Colleges and the same shall be made available every year as detailed below:

Capacity Building Program [FDP]	2022-23 Rs.	2023-24 Rs.	2024-25 Rs.	2025-26 Rs.	2026-27 Rs.	Total Rs.
Host Institute	6,75,000	6,75,000	6,75,000	9,00,000	9,00,000	38,25,000
Other Government Institutes	13,50,000	13,50,000	13,50,000	-	-	40,50,000
TOTAL	20,25,000	20,25,000	20,25,000	9,00,000	9,00,000	78,75,000

...3