

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 13-Nov-2018

ORDER

Subject: Financial Sanction of the research project titled "**Probing Charge Transport in Molecular Junctions with Impedance Spectroscopy and Transition Voltage Spectroscopy Approach**" under the guidance of Dr. Sabyasachi Mukhopadhyay, Department of Physics, SRM University AP, Neerukonda, Mangalagiri Mandal, Guntur District, Mangalagiri, ANDHRA PRADESH-522502 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 4830892/- (Rs. Forty Eight Lakh Thirty Thousand Eight Hundred and Ninety Two Only)** with break-up of **Rs. 2768522/- under Capital (Non-recurring) head** and **Rs. 2062370/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4830892/-** has been approved are given below:

The following budget may be considered for **SRM University AP, Neerukonda, Mangalagiri Mandal, Guntur District, Mangalagiri**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Trinocular Research Microscope -> Impedance Analyzer -> Source Measure Unit (SMU) -> Ultrasonic Cleaner -> Micromanipulator, Electrical probes and holders -> Laminar Air Flow Vertical (with HEPA filter unit) Workstations	2768522
A'	Total (Non-Recurring)	2768522
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	1123200 500000
2	Recurring - III : (Overhead Charges)	439170
B'	Total (Recurring)	2062370
C	Total cost of the project (A' + B')	4830892

2. Sanction of the SERB is also accorded to the payment of **Rs. 2768522/-** (Rupees Twenty Seven Lakh Sixty Eight Thousand Five Hundred and Twenty Two only) under 'Grants for creation of capital assets' and **Rs. 687456/-** (Rupees Six Lakh Eighty Seven Thousand Four Hundred and Fifty Six only) under 'Grants-in-aid General' to Registrar, SRM University AP, Neerukonda, Mangalagiri Mandal, Guntur District, Mangalagiri being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
This release is being made under Early Career Research Award. (EC Physical & Mathematical Sciences)

4. The Sanction has been issued to SRM University AP, Neerukonda, Mangalagiri Mandal, Guntur District, Mangalagiri with the approval of the competent authority under delegated powers on **27 August, 2018** and vide Diary No. **SERB/F/7272/2018-2019** dated **20 September, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than **Rs. 1.5 lakh** each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 3455978/- (Rupees Thirty Four Lakh Fifty Five Thousand Nine Hundred and Seventy Eight only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	SRM UNIVERSITY AP AMARAVATI
Account Number	37477926875
Bank Name & Branch	STATE BANK OF INDIA BRANCH MANAGER , MANGALAGIRI BRANCH GRAND TRUNK ROAD, MANGALAGIRI, GUNTUR DISTRICT ANDHRA PRADESH 522503
IFSC/RTGS Code	SBIN0001011
Email id of A/C Holder	registrar@srmap.edu.in
Email id of PI	sabyasachi.m@srmap.edu.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2017/001937 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

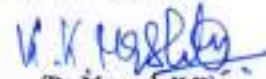
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

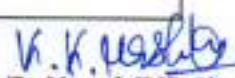
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Magesh K K)
Scientist
ms_pm@serbonline.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Sabyasachi Mukhopadhyay Department of Physics SRM University AP, Neerukonda, Mangalagiri Mandal, Guntur District, Mangalagiri, ANDHRA PRADESH-522502 Email: sabyasachi.m@srmap.edu.in Mobile: 919563042194 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Registrar, SRM University AP, Neerukonda, Mangalagiri Mandal, Guntur District, Mangalagiri (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Magesh K K)
Scientist
ms_pm@serbonline.in

Sub: Recommendations of purchase committee meeting held on 17-04-2019 for the purchase of Impedance analyzer under ECRA Research Grant (ECR/2017/001937)

As part of the Early Career Research Grant (ECR/2017/001937), Impedance analyser is one of the major equipment to be procured and established in SRM University-AP, Amaravati campus. Inquiries were sent to the following vendors inviting quotations for Impedance analyzer:

- 1) **M/s. Synergy Measurement Technologies Singapore Pte. Ltd** who are authorized distributor of **Keysight Technologies, USA** (Authorized Indian representative: Synergy Measurement Technologies, Secunderabad.)
- 2) **Wayne Kerr Electronics Pvt. Ltd, UK** (Authorized Indian representatives: Wayne Kerr Electronics Pvt. Ltd, Delhi, India)
- 3) **Peridot Technologies, West Marred Pally, Secunderabad, India** (Authorized distributor of Wayne Kerr Electronics Pvt. Ltd, UK)

The following quotations were received from the above vendors:

1. Quotation number: **SMTPL/SRM/308A** dated 12-04-2019 from Synergy Measurement Technologies Pvt. Ltd., Secunderabad, India (on behalf of **M/s. Synergy Measurement Technologies Singapore Pte. Ltd** who are authorized distributor of **Keysight Technologies, USA**).
2. Quotation number: **WKE/BQ/SRM/AP/4022/2019-20** dated 01-04-2019 from Wayne Kerr Electronics Pvt Ltd., LSC, Shreshtha Vihar, Delhi, India.
3. Quotation number: **PT/WK/SRM/249** dated 02-04-2019 from Peridot Technologies, West Marred Pally, Secunderabad, India (on behalf of, **Wayne Kerr Electronics Pvt. Ltd, UK**)

We had sent a detailed specification list to all the three vendors by **30-03-2019**, and all the three vendors were invited in the purchase committee held on **17-04-2019**. Representatives from Synergy Measurement Technologies Pvt. Ltd., Secunderabad (on behalf of **M/s. Synergy Measurement Technologies Singapore Pte. Ltd** who are the authorized distributor of **Keysight Technologies, USA**), Wayne Kerr Electronics Pvt Ltd., LSC, Shreshtha Vihar, Delhi, India (on behalf of **Wayne Kerr Electronics Pvt. Ltd, UK**) participated in the purchase committee meeting on **17-04-2019**. On behalf of the Peridot Technologies, West Marred Pally, Secunderabad, India; person from Wayne Kerr Electronics Pvt. Ltd, India has attend the purchase committee meeting.

The quotations received from the above three vendors were placed before the purchase committee for its perusal. The details of these three quotations are given in the Comparative Statement - I.

The purchase committee discussed the technical specifications, price, and commercial terms & conditions individually with the two vendors. Based on the discussion in the purchase committee meeting, revised quotes were received from the 1) **M/s. Synergy Measurement Technologies Singapore Pte. Ltd** (revise quote no: **SMTPL/ SRM-AP/225A** Date – **18-04-2019**) and 2) **Wayne Kerr Electronics Pvt. Ltd, UK** (revise quote no. **WKE/BQ/SRM/AP/4022Rev/2019-20** Date – **20/04/2019**). A comparison has been made in the enclosed Comparative Statement – II among the revised quotations from **M/s. Synergy Measurement Technologies, Singapore Pte. Ltd** (received

17 June

quote no: SMTPL/ SRM-AP/225A Date: 18-01-2019, Wayne Kerr Electronics Pvt. Ltd, UK (revised quote no: WKT/BQ/SRM/AP/4022Rev/2019-20 Date: 20-04/2019) and the original quote from Peridot technologies, West Marred Pally, Secunderabad, India (received quote no: PT/WK/SRM/249 Date: 02-04-2019). Technically, all the three vendors were found similar and suitable. We find that the currently configured Impedance Analyser from **Wayne Kerr Electronics Pvt Ltd** (Indian authorized distributor of **Wayne Kerr Electronics Pvt. Ltd, UK**) meets all of our technical requirement, is user friendly and easily programmable (computer controlled) for custom measurements with other instruments. It can be seen from the comparative statement-II that the revised price of Impedance analyser with the required specifications offered by **Wayne Kerr Electronics Pvt Ltd, India** (authorized distributor of **Wayne Kerr Electronics Pvt. Ltd, UK**), CIF Chennai by air, is **GBP 11,250.00** which was discussed during the purchase committee meeting and has the lowest price (L1). The customs clearance and other charges will be extra and will be borne by SRM University, AP - Amaravati. The terms of payment is 100% to be released on sight draft basis. All bank charges in India will be borne by SRM University, AP - Amaravati and abroad will be borne by the vendor. Delivery of the equipment will be within 6 - 8 weeks from the date of **Purchase Order** opening. Warranty period is **24 months** from the date of installation; and the Wayne Kerr Electronics Pvt Ltd UK will provide commissioning and on-site service. Instrument installation, on-site training will be done by the Wayne Kerr Electronics Pvt Ltd., LSC, Shreshtha Vihar, Delhi, India at free of cost.

It is recommended that the approval may be accorded for placing purchase order on **Wayne Kerr Electronics Ltd, Unit 1A, Durban Road, Bognor Regis West Sussex PO229QT, UK** for one number of Precision Impedance Analyzer (model 6510B (20Hz - 10Mhz), and other accessories as in quotation) for **GBP 11,250.00 (Eleven Thousand Two Hundred Fifty Pound Sterling only)** **CIF Chennai** by air. Custom duty and other levies at Chennai airport including transportation from Chennai airport to SRM University, AP - Amaravati will be borne by SRM University, AP - Amaravati.

Sabyasachi Mukhopadhyay

Principal Investigator (PI)



Faculty member (Invitee)



Deputy Registrar



Registrar



(Prof. D. Narayana Rao)
Pro-Vice Chancellor



WKE/BQ/SRM/AP/4022Rev(2019-20

Date: 20-04-2019

OPTION A: OFFER FOR IMPEDANCE ANALYZER (20Hz- 10MHz):

Sl. No	Item Description	Unit Price on CIF Chennai basis in GBP
A.1	Model 6510B Order Code: 1J6510B Precision Impedance Analyzer (20Hz - 10MHz) Accuracy $\pm 0.05\%$ with Built-In Microcomputer PC & Operation in Meter Mode & Analysis mode Supplied with the following items as standard: User Manual, AC power cord, 1J1D11 Fixture, USB memory, Pen/stylus & Calibration conformity Certificate Part no 5- 854 7010 (Conventional) Set of Transfer Standards for Open / Short Circuit and HF Trimming. D2 DC Bias(-40V to +40V)	£ 11,250.00

TERMS AND CONDITIONS FOR IMPORTED ITEM:

Prices: Prices quoted are in GBP on CIF Chennai airport basis. Packing and forwarding shall be as per international standards.

Payment: 100% payment to be released on sight draft basis. All bank charges in India on buyer account.

Order may please be released in the name of:

"Wayne Kerr Electronics Ltd,
Unit 1A, Durban Road
Bognor Regis West Sussex PO229QT"
UK"

Warranty: 24 months from the date of delivery / invoice. This is applicable against defective material, inadequate design/manufacturing defect & bad workmanship provided notice is given to us as soon as it is discovered. The warranty does not apply to defects caused by wear and tear, abnormal conditions of working, accident, misuse or neglect.

Delivery: 6-8 weeks from date of purchase order.

Validity: 30 days

Yours faithfully,
for Wayne Kerr Electronics Pvt. Ltd.



VINAY VIJAY
Manager- Sales & Technical Support



Wayne Kerr Electronics Pvt. Ltd.

305, Plot No. 6, Chetan Complex, LSC, Shreshtha Vihar, Delhi -110092.

India (P): +91-120-2642612 (F): +91-0120-2641113
(E): sales@waynekerr.co.in (W): www.waynekerrtest.com

WKE/BQ/SRM/AP/4022Rev/2019-20

Date: 20-04-2019

To,
Department of Physics
Neerukonda, Mangalagiri Mandal
Guntur District, Mangalagiri Andhra Pradesh 522502
Ph +91 9563342194
E mail sabyasachi.in@srmap.edu.in
Kind Attn.: Dr. Sabyasachi Mukhopadhyay

Sub : Your Requirement of Impedance Analyzer.
Ref. : Your email to us.

Dear Sir,

We refer to your email regarding your above subjected requirement, and thank you very much for the same. As desired and in line with your requirement, we are pleased to enclose herewith our final proposal along with the detailed technical literature for supply of the subject equipments, manufactured by M/s Wayne Kerr Electronics Ltd., UK.

We hope that our offer is in line with your requirement. Hope that you will place your valuable order to us. However in case, you require any further clarifications/details, please feel free to contact us.

Thanking you and assuring you of our best attention always.

Yours faithfully,
for Wayne Kerr Electronics Pvt. Ltd.



VINAY VIJAY
Manager- Sales & Technical Support

Importer Exporter Code

IEC : AASTS4359N
 IEC Allotment Date : 13.07.2018
 File Number : 66/04/130/50464/AM19/
 File Date : 12.07.2018
 Party Name and Address : SRM TRUST AP
 R K GALLERIA,SRINIVASA NAGAR, BANK
 COLONY
 VIJAYAWADA, ANDHRA PRADESH
 PIN-520008
 Phone No : 919597189555
 e_mail : jaihalaji.ac@srmfincorp.com
 Exporter Type : 4 Others
 IEC Status : Valid IEC
 Date of Establishment : 2017-01-23
 DIN (PAN+Extension) : AASTS4359N FT001
 PAN ISSUE DATE :
 PAN ISSUED BY :
 Nature Of Concern : 6 Others
 Banker Detail : ICICI BANK
 A/C Type: I CA
 A/C No : XXXXXXXXXX285

Directors:

1.	SATHYANARAYANAN P T R PAARIVENDHAR 4/5, PRAKASAM SALAIVALASARAVAKKAM CHENNAI, TAMIL NADU PIN-600087 Phone/Email: 9940026015
2.	T R PAARIVENDHAR RAMASAMY NO 20, PRAKASAM SALAIVALASARAVAKKAM CHENNAI, TAMIL NADU PIN-600087 Phone/Email: 9940026015
3.	EASWARJ PACHAMUTHU SENGAMALAI NO 4/5, PRAKASAM SALAIVALASARAVAKKA M CHENNAI, TAMIL NADU PIN-600087 Phone/Email: 9940026015

4.	MANIMANGAI SUBRAHMANYAN NO 4/5, PRAKASAM SALAIVALASARAVAKKA M CHENNAI, TAMIL NADU PIN-600087 Phone/Email: 9940025015
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Branches:

1.	Branch Code: I 000. GUNTUR, ANDHRA PRADESH PIN-522503
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Registration Details:**RCMC Details:**

Place:

(Name and Signature with Seal)

Date:

P.O. - SRMAP/ECR/2017/001937/PO/NR/019-020/001

Date: 22/05/2019

Purchase Order

To,

Wayne Kerr Electronics Ltd,

Unit 1A, Durban Road

Bognor Regis West Sussex PO229QT,

UK

Sub: Procurement of "Impedance Analyser" equipment under SERB funded research project (ECR/2017/001937)

Dear Sir,

We are herewith pleased to issue the purchase order, for the Supply and Installation of the product assembly "6510B Impedance Analyzer" as per your quotation ref. No.: WKE/BQ/SRM/AP/4022Rev/2019-20, dated on 20th April, 2019, under the reference for the DST-SERB sponsored R&D project titled "Probing Charge Transport in Molecular Junctions with Impedance Spectroscopy and Transition Voltage Spectroscopy Approach" [ECR/2017/001937]. A copy of your quotation along with the specifications is attached.

The total Value of the purchase order is priced as **GBP £11,250.00**

Thank you for your kind understanding and services

Terms and Conditions:

- Prices inclusive of packing and forwarding charges, charges of CIF Chennai Airport, Customs Duty, Demurrage Charges if any and clearing charges are others.
- **Payment:** 100% payment to be released on sight draft basis. All bank charges in India on buyer account

- **Delivery:** 6-8 weeks from date of purchase order
- **Warranty:** 24 months from the date of delivery/invoice as in quotation.
- **Vendor Contact:** Wayne Kerr Electronics Ltd, Unit 1A, Durban Road
Bognor Regis West Sussex PO229QT, UK
Vinay Vijay, Manager-Sales & Technical Support, Delhi, India (M-8800544566)

Billing and Shipping Address:

The Registrar,

SRM University-AP, Amaravati

(SRM TRUST AP, Bank Colony, Vijayawada, Andhra Pradesh, India)

Neerukunda, Mangalagiri Mandal, Guntur Dist.,

Andhra Pradesh, India - 522502

Phone: 0863-2343055/+919494076194(M)

You may please acknowledge the receipt of this purchase order.

Thanking you.



SRM University, AP-Amaravati

[Handwritten Signature]

Authorized Signature & Date

Annexure

Item Description: Precision Impedance Analyzer

(20Hz - 10Mhz)

Model: 6510B

Make: Wayne Kert Electronics Ltd, UK

Supplied with the following items as standard:

User Manual,

AC power cord,

1)1011 Fixture,

USB memory,

Pen/stylus

Calibration conformity Certificate,

Part no 5- 654 7010 (Conventional)

Set of Transfer Standards for Open / Short Circuit and HF Trimming,

D2 DC Bias (-40V to +40V)



Unit 1A, Durban Road, Boynor Regis
West Sussex PO22 9QT, UK
Telephone +44 (0)1243 846555 Fax +44 (0)1243 846551

THE REGISTRAR,

SRM UNIVERSITY-AP, AMARAVATI

(SRM TRUST AP, BANK COLONY, VIJAYAWADA, ANDHRA PRADESH, INDIA)

NEERUKUNDA, MANGALAGIRI MANDAL, GUNTUR DIST.,

ANDHRA PRADESH, INDIA – 522502

PHONE: 0863-2343055/+919494076194(M)

P.O. –SRMAP/ECR/2017/001937/PO/NR/019-020/001

OUR REFERENCE: 202588

29/05/19

PRO FORMA INVOICE

ITEM DESCRIPTION: PRECISION IMPEDANCE ANALYZER

{20Hz - 10MHz}

MODEL: 6510B

MAKE: WAYNE KERR ELECTRONICS LTD, UK

SUPPLIED WITH THE FOLLOWING ITEMS AS STANDARD:

USER MANUAL

AC POWER CORD

1J1011 FIXTURE

USB MEMORY

PEN/STYLUS

CALIBRATION CONFORMITY CERTIFICATE

PART NO 5-654-7010 (CONVENTIONAL)

SET OF TRANSFER STANDARDS FOR OPEN/SHORT CIRCUIT AND HF TRIMMING,

D2 DC BIAS (-40V TO +40V)

INVOICE TOTAL

GBP £11,250.00

OUR BANK DETAILS ARE:

BARCLAYS BANK

SWIFT CODE: BARCGB22

IBAN NO: GB66BARC20206580892254

SORT CODE: 20-20-65

ACCOUNT NUMBER: R0892254

ACCOUNT NAME: WAYNE KERR ELECTRONICS LTD

THIS IS A TRUE AND CORRECT INVOICE

SIGNED FOR WAYNE KERR ELECTRONICS LTD

ELAINE CARTER

SALES OFFICEMANAGER

Wayne Kerr Electronics Ltd

Unit 1A, Durban Road

Boynor Regis

West Sussex PO22 9QT

United Kingdom



THE REGISTRAR,
SRM UNIVERSITY-AP, AMARAVATI
[SRM TRUST AP, BANK COLONY, VIJAYAWADA, ANDHRA PRADESH, INDIA]
NEERUKUNDA, MANGALAGIRI MANDAL, GUNTUR DIST.,
ANDHRA PRADESH, INDIA - 522502
PHONE: 0863-2343055/+919494076194(M)
P.O. -SRMAP/ECR/ZD17/001937/PO/NR/019-020/GU1

OUR REFERENCE: 202588

29/05/10

ORDER ACKNOWLEDGEMENT

ITEM DESCRIPTION: PRECISION IMPEDANCE ANALYZER
{20Hz - 10MHz}
MODEL: 6510B
MAKE: WAYNE KERR ELECTRONICS LTD, UK
SUPPLIED WITH THE FOLLOWING ITEMS AS STANDARD:
USER MANUAL
AC POWER CORD
111011 FIXTURE
USB MEMORY
PEN/STYLUS
CALIBRATION CONFORMITY CERTIFICATE

PART NO 5-654-7010 (CONVENTIONAL)
SET OF TRANSFER STANDARDS FOR OPEN/SHORT CIRCUIT AND HF TRIMMING.

D2 DC BIAS (-40V TO +40V)

INVOICE TOTAL

GBP £11,250.00

PRICES INCLUSIVE OF PACKING AND FORWARDING CHARGES, CHARGES OF CIF CHENNAI AIRPORT,
CUSTOMS DUTY, DEMURRAGE CHARGES IF ANY AND CLEARANCE ARE FOR THE BUYER
PAYMENT: 100% PAYMENT TO BE RELEASED ON SIGHT DRAFT BASIS. ALL BANK CHARGES IN INDIA WILL BE ON
BUYERS ACCOUNT

DELIVERY: 6-8 WEEKS FROM DATE OF PURCHASE ORDER

WARRANTY: 24 MONTHS FROM THE DATE OF DELIVERY

VENDOR CONTACT: WAYNE KERR ELECTRONICS LTD, UNIT 1A, DURBAN ROAD

BOGNOR REGIS WEST SUSSEX PO229QT, UK

VINAY VIJAY, MANAGER-SALES & TECHNICAL SUPPORT, DELHI, INDIA (M-8800544566)

SIGNED FOR WAYNE KERR ELECTRONICS LTD

ELAINE CARTER
SALES OFFICEMANAGER

Wayne Kerr Electronics Ltd

Unit 1A, Durban Road

Bognor Regis

West Sussex PO22 9QT

United Kingdom

Usage Rate Chart


Equipment Name	Impedance Analyser
Research Facility	Electrical Probe station with Source Measurement Unit and Impedance Analyser
Model and make	6510B, Wayne Kerr Electronics Limited, UK
Year of Installation and Location	2019, JC Bose Block - 318
Source of Fund	Extrenal Fund

Usage Rate: (as indicated by SRM University-AP)		
S.NO.	USERS CATEGORY	RATE (UNIT SAMPLE) & (IN RUPEES)
1	Academic (External) ¹	200.00
2	Academic (Internal but different department/lab) ²	0.00
3	Academic (Internal) ³	0.00
4	Industry User	500.00
5	National Research Lab User	200.00
6	Start-ups Company	500.00

Note:

1. Academic (External) means researchers belongs to the other Institution.
2. Academic (Internal but different department/lab) means researchers belongs to other department/lab or other investigators.
3. Academic (Internal) means researchers belongs to the same institution.

Approved by


 Prof. Ranjit Thapa
 Professor and Dean - Research
 SRM University – AP

Prof. Ranjit Thapa
 Dean - Research
 SRM University-AP, Andhra Pradesh
 Neerukonda, Pincode: 522240
 Guntur District, Andhra Pradesh, India.

Prepared for I-STEM portal submission.