



Sadakathullah Appa College

**An Autonomous Institution, Re-Accredited by NAAC at an 'A' Grade, * ISO 9001: 2015 Certified **

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

SEED MONEY AND INCENTIVES FOR RESEARCH DEVELOPMENT

Submitted to

THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

August 2022





Sadakathullah Appa College

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SEED MONEY

Name of the teacher provided with seed money	The amount of seed money	Year of receiving
Dr. P. Jeslin Kanaga Inba Department of Chemistry	10000	2019
Dr. I. Antony Danish Department of Chemistry	10000	2019
Dr. M. Thameem Ansari Department of Chemistry	5000	2019
Mrs. S. Mohamed Ramlath Sabura Department of Zoology	10000	2019
Dr. R. Jothi Mani Department of Physics	10000	2019
Dr. K. Amutha Department of Physics	10000	2019
Dr. D. Sathya Department of Physics	10000	2019
Dr. S. Shajun Nisha Department of Computer Science (PG)	10000	2019
Dr. M. I. Delighta Mano Joyce Department of Zoology (PG)	10000	2019
Dr. J. Shifa Vanmathi Department of Zoology (PG)	10000	2019
Dr. R. Janet Rani Department of Microbiology	10000	2019
Dr. K. Chitra Department of Microbiology	10000	2019
Dr. K. Feroz Khan Department of Microbiology	10000	2019
Dr. M. Manohar Department of Microbiology	10000	2019
Dr. M. Senthil @ Sankar Department of Microbiology	10000	2019
Dr. M. Suriyaprabha Department of Microbiology	10000	2019
Dr. M. A. Sabitha Department of Chemistry (PG)	10000	2019
Dr. R. Imran Khan Department of Chemistry (PG)	10000	2019



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Principal

PRINCIPAL
SADAKATHULLAH APPA COLLEGE
Rahmath Nagar, TIRUNELVELI - 627 011.





Sadakathullah Appa College

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/01

Dr. P. Jeslin Kanaga Inba,
Department of Chemistry (Aided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-A/CHE/01

Sir / Madam,

With reference to the Minor Research Project proposal titled "Synthesis, Antibacterial and Corrosion Inhibition activity of Schiff Base Transition Metal Complex" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S. No	Item	Approximate cost in Rs
1.	Chemicals	5,000
2.	Glass wares	1,000
3.	Metal pieces	500
4.	Solvents	1,000
5.	Characterization	1,000
6.	Contingency	1,500
	Total	10,000

Principal



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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/02

Dr. I. Antony Danish,
Department of Chemistry (Aided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-A/CHE/02

Sir / Madam,

With reference to the Minor Research Project proposal titled "Synthesis of 2-Aminopyrano [2,3-b]pyridines via Multi-Component Reaction and their Anti-microbial Studies" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

	Budget (Actual) Rs.
Chemicals	5,000/-
Characterization	3,000/-
Travel Allowance	2,000/-
Grand total of whole project	10,000/-

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/03

Dr. M. Thameem Ansari,
Department of Chemistry (Aided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-A/CHE/03

Sir / Madam,

With reference to the Minor Research Project proposal titled "A Study of Magnetoceramic Nanocomposite Material for Biomedical Applications" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.5,000/-

Budget:

S. No.	Item	Amount in Rs.
1.	Chemicals and Glassware	3,500
2.	Contingency	500
3.	Outsourcing/Analysis of samples	1,000
	Total	5,000

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/04

Mrs. S. Mohamed Ramlath Sabura,
Department of Zoology (Aided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli – 627 011.

Proposal Number : SAC-A/ZOO/01

Sir / Madam,

With reference to the Minor Research Project proposal titled "Vermicomposting - A Sustainable and An Ecofriendly Way for Recycling of Institutional Solid Waste" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S. No	PARTICULARS	AMOUNT IN (₹.)
1.	Preparing shed	2,500.00
2	Labour charges	1,000.00
3.	Raw Materials (Bedding and feeding materials)	1,000.00
4.	Earthworms	2,000.00
5.	Accessories like shovels, spades, iron baskets, bamboo baskets, wire mesh, sieves, sieving machine, empty barrels, culture trays and packing materials	2,000.00
6.	Equipments -Weighing scale, Weighing Balance, and packing machine	1,000.00
7.	Miscellaneous	500.00
	TOTAL	10,000.00

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Principal

Rahmath Nagar, Tirunelveli 627 011. Ph : 0462-2540763, Fax : 0462-2540033

E-mail : principal@sadakath.ac.in, Website : www.sadakath.ac.in



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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/05

Dr.R.Jothi Mani,
Department of Physics (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/PHY/01

Sir / Madam,

With reference to the Minor Research Project proposal titled "Size Dependent Magnetic and Electrical Properties and Antimicrobial Applications of Metal Oxide Nanoparticles" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S.No.	Particulars		Amount details (Rs)	Total
1	Consumable	Chemicals (Zinc, manganese, nickel, cobalt and Cooper based) (AR grade)	2000	3,000
		Glass wares and plant collection	1000	
2	Contingency	Analyzing charges	6000	6500
		Stationary and report preparation	500	
3	Travel Allowance	For Impedance and Catalytic analyses	500	500
	Total			10,000

A. S. J. Mani

[Signature]
Principal

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/06

Dr. K. Amutha,
Department of Physics (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/PHY/02

Sir / Madam,

With reference to the Minor Research Project proposal titled "Synthesis and Characterization of Nano-Silica and Activated Carbon from Ficus Religiosa" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S.No.	Item	Estimated Expenditure (in Rupees)
1	Chemicals and Glassware	2,000
2	Journals	1,000
3	Contingency	6,000
4	Computation Work	1,000
	TOTAL	10,000

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/07

Dr. D. Sathya,
Department of Physics (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/PHY/05

Sir / Madam,

With reference to the Minor Research Project proposal titled "Growth and Characterization of Metal Organic Single Crystals by SR Method and Slow Evaporation Method for NLO Applications" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S.No.	Particulars		Amount details (Rs)
1.	SR Method		8,000
2.	Consumable	Chemicals	1,000
		Glass wares and plant collection	
3.	Contingency	Analyzing charges	1,000
		Stationary and report preparation	
4.	Travel Allowance	For Impedance and Catalytic analyses	
	Total		10,000

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/08

Dr. S. Shajun Nisha,
Department of Computer Science (PG) (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli – 627 011.

Proposal Number : SAC-UA/CS/01

Sir / Madam,

With reference to the Minor Research Project proposal titled "e-Dove" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S.S	Item	Amount in Rs.
	Application Screen Design	2,000
	Back end Programming	2,000
	Deployment and Cloud	2,000
	Hardware & Software requirements	4,000
	Total	10,000

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/09

Dr. M.I. Delighta Mano Joyce,
Department of Zoology (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli – 627 011.

Proposal Number : SAC-UA/ZOO/01

Sir / Madam,

With reference to the Minor Research Project proposal titled "Green Synthesis of Silver Nanoparticles on Growth and Economic Parameters of Silkworm Bombyx Mori" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S. No	PARTICULARS	AMOUNT IN (₹.)
1.	Renovation of Rearing Room and Mulberry garden	2,500.00
2.	Eggs, Glass wares and Chemicals	5,000.00
3.	Rearing appliances	1,000.00
4.	Equipments – Weighing Balance	1,000.00
5.	Miscellaneous	500.00
	TOTAL	10,000.00

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[Signature]
Principal



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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/10

Dr.J.Shifa Vanmathi,
Department of Zoology (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli – 627 011.

Proposal Number : SAC-UA/ZOO/02

Sir / Madam,

With reference to the Minor Research Project proposal titled "Evaluation of Antioxidant Properties And Antidiabetic Activity of Syzygium Cumini and Phyllanthus Emblica on Streptozotocin Induced Diabetic Rats" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

Item	Amount in Rs.
Phytochemical analysis- laboratory expense	3,000
Antioxidant activity - laboratory expense	2,000
Animal models – Purchase expense	2,000
Biochemical analysis- chemicals purchase	3,000
Total	10,000

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/11

Dr. R. Janet Rani,
Department of Microbiology (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/MB/01

Sir / Madam,

With reference to the Minor Research Project proposal titled "Enhance the Quality of Dairy Products using Probiotics" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S.No	Particulars	Amount in Rs.
1.	Sample Collection	500
2.	Chemicals	3,000
3.	Glass wares	1,500
4.	Media	3,000
5.	Transport and Reference collection	1,000
6.	Miscellaneous	1,000
	Total	10,000

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/12

Dr. K. Chitra,
Department of Microbiology (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/MB/02

Sir / Madam,

With reference to the Minor Research Project proposal titled "Production of Biopolymer using Rhizobium Sps" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S.No	Particulars	Amount in Rs.
1.	Sample Collection	500
2.	Chemicals	3,000
3.	Glass wares	1,500
4.	Media	3,000
5.	Transport and Reference collection	1,000
6.	Miscellaneous	1,000
	Total	10,000

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Principal



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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/13

Dr. K. Feroz Khan,
Department of Microbiology (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/MB/03

Sir / Madam,

With reference to the Minor Research Project proposal titled "Effective Bioremediation of Grey water by using Different Microorganism" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S.No	Particulars	Amount in Rs.
1.	Chemicals	2,000
2.	Media	3,000
3.	Glass wares	2,000
4.	Transport and Reference collection	2,000
5.	Miscellaneous	1,000
	Total	10,000

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/14

Dr. M. Manohar,
Department of Microbiology (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/MB/04

Sir / Madam,

With reference to the Minor Research Project proposal titled "Third Generation Biofuels from Microalgae by using Sewage Water" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S.No	Particulars	Amount in Rs.
1.	Sample Collection	500
2.	Chemicals	3,000
3.	Glass wares	1,500
4.	Media	3,000
5.	Transport and Reference collection	1,000
6.	Miscellaneous	1,000
	Total	10,000

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Principal

Rahmath Nagar, Tirunelveli 627 011. Ph : 0462-2540763, Fax : 0462-2540033

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/15

Dr. M. Senthil @ Sankar,
Department of Microbiology (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli – 627 011.

Proposal Number : SAC-UA/MB/05

Sir / Madam,

With reference to the Minor Research Project proposal titled "Comparative Study of plant growth promoting rhizobacteria (PGPR) isolated from Ocimum sanctum and Poaceae" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S.No	Item	Estimated Expenditure (Rs.)
1.	Sample Collection	500
2.	Chemicals	3,000
3.	Glass wares	1,000
4.	Media	2,000
5.	Gene Sequencing	2,500
6.	Miscellaneous	1,000
Total		10,000

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/16

Dr.M.Suriya prabha,
Department of Microbiology (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/MB/06

Sir / Madam,

With reference to the Minor Research Project proposal titled "Isolation of Microbiome from Fermented Rice Water" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S. No	Particulars	Amount in Rs.
1.	Sample Collection	1,000
2.	Chemicals	3,000
3.	Glass wares	2,500
4.	Media	2,500
5.	Transport, Reference collection and documentation	1,000
	Total	10,000

A. Syanda

Principal

Rahmath Nagar, Tirunelveli 627 011. Ph : 0462-2540763, Fax : 0462-2540033

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/17

Dr. M. A. Sabitha,
Department of Chemistry (PG) (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/CHE/01

Sir / Madam,

With reference to the Minor Research Project proposal titled "Phytoremediation of waste water generated from our college using Ocimum sanctum, Cymbopogon citrates and Aloe barbadensis, reusing for domestic purposes." submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

S. No.	Head	Amount in Rs.
1	Setting up model pit equipped with gravel, pebbles and leaves	3,000
2	Filtration membrane organisation	3,000
4	Physico-chemical analysis of water	1,500
5	Contigencies	2,500
Total =		10, 000

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Principal



Sadakathullah Appa College

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Date : 04.10.2019

F.NO:SAC/Research Project/Seed Money/2019-20/18

Dr. R. Imran Khan,
Department of Chemistry (PG) (Unaided),
Sadakathullah Appa College, (Autonomous)
Rahmath Nagar,
Tirunelveli - 627 011.

Proposal Number : SAC-UA/CHE/02

Sir / Madam,

With reference to the Minor Research Project proposal titled "Biomimetic Catalysis by Cu(I) Complex of Ethylene-di-amine Modified β -Cyclodextrin in Synthesis of Benzoxazole Derivatives via Phenol and Benzylamine Coupling" submitted by you, the College Management has provisionally considered your proposal for a financial assistance of Rs.10,000/-

Budget:

Item	Budget (Actual)
Chemicals	5,000/-
Characterization	3,000/-
Travel Allowance	2,000/-
Grand total of whole project	10,000/-

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Principal

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29/07/22
Principal

PRINCIPAL
SADAKATHULLAH APPA COLLEGE
Rahmath Nagar, TIRUNELVELI - 627 011.

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INCENTIVES

Details of Paper Publications in Web of Science and Scopus Journals

A sum of Rs. 1000/- per publication for 45 research articles published in WoS/Scopus Journals has been given to faculty members of various departments from June 2019 - January 2021.

S. No.	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
1.	Dr. M. Mohamed Sathik Principal	<i>Int. J. Computer Aided Engineering and Technology</i>	A smooth three-dimensional reconstruction of human head from minimally selected computed tomography slices	Vol. 11, Nos. 4/5, 2019	Scopus
2.	Dr. M. Mohamed Sathik Principal	<i>Int. j. inf. tecnol</i>	Performance analysis of bias correction techniques in brain MR images	(September 2020) 12(3):899-905	Scopus
3.	Dr. M. Mohamed Sathik Principal	<i>International Journal of Future Generation Communication and Networking</i>	Handwritten Tamil Character Recognition in Palm Leaf Manuscripts using BiLSTM Classifier	Vol. 13, No. 4, (2020), pp. 4440 - 4450	Web of Science
4.	Dr. M. Mohamed Sathik Principal	<i>International Journal of Engineering and Advanced Technology</i>	An efficient brain tumor classification based on sobs method for MRI brain images	Volume 9, Issue 1, October 2019, Pages 826-833	Scopus
5.	Dr. M. Mohamed Sathik Principal	<i>International Journal of Engineering and Advanced Technology</i>	A novel classification of MRI brain images using ANFIS and 3D reconstruction	Volume 9, Issue 1, October 2019, Pages 5434-5440	Scopus





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6.	Dr. M. Mohamed Sathik Principal	<i>International Journal on Emerging Technologies</i>	Image and video frame extraction system based on improved deep learning technique	Volume 10, Issue 3, 2019, Pages 384-390	Scopus
7.	Dr. S. Mohamed Haneef Department of English	<i>High Technology Letters</i>	Dalit Politics in Sivakami's Novel the Grip of Change	Volume 26, Issue 7, 2020	Scopus
8.	Dr. K. Hema Department of English	<i>Journal of Xi'an University of Architecture & Technology</i>	Reinventing the Self in Terry Mcmillan's How Stella Got Her Groove Back	Volume XII, Issue VIII, 2020	Scopus
9.	Dr. K. Hema Department of English	<i>Journal of Xi'an University of Architecture & Technology</i>	A Study on Gynocentrism in Terry Mcmillan's the Interruption of Everything	Volume XII, Issue VII, 2020	Scopus
10.	Dr. S. M. Abdul Kader Department of Physics	<i>Journal of Materials Science: Materials in Electronics</i>	Structure, morphology and magnetodielectric investigations of BaTi1-xFexO3-δ ceramics	30, 5706-5717 (2019)	Scopus
11.	Dr.S.M. Abdul Kader Department of Physics	<i>Materials Today: Proceedings</i>	Synthesis of Bismuth Oxide nanoflowers using natural honey	16.07.2020	Scopus
12.	Dr.S.M. Abdul Kader Department of Physics	<i>Materials Today: Proceedings</i>	Novel synthesis of undoped and zinc doped iron oxide nanoparticles using Apis Mellifera	11.09.2020	Scopus
13.	Dr. M. Mohamed Roshan Department of Physics	<i>J. Chem. Thermodynamics</i>	Volumetric approach to the interaction of L-Proline in aqueous Metformin Hydrochloride solutions for temperature range 298.15-318.15 K	133 (2019) 312-319	Scopus

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14.	Dr. V. Chinnathambi Department of Physics	<i>International Journal of Nonlinear Sciences and Numerical Simulation</i>	Effect of Fractional Damping in Double-Well Duffing-Vander Pol Oscillator Driven by Different Sinusoidal Forces	Volume 20: Issue 2, 2019	Scopus
15.	Dr. V. Chinnathambi Department of Physics	<i>Journal of Mathematical Modeling</i>	Horseshoe dynamics in Duffing oscillator with fractional damping and multi-frequency excitation	Vol. 7, No. 3, 2019, pp. 263-276	Scopus
16.	Dr. V. Chinnathambi Department of Physics	<i>International Journal of Nonlinear Science</i>	Horseshoe Dynamics in Fractionally Damped Duffing- Vander Pol Oscillator Driven by Nonsinusoidal Forces	Vol.27(2019) No.2,pp.81-94	Scopus
17.	Mrs.A. Ferin Fathima Department of Physics	<i>Journal of Inorganic and Organometallic Polymers and Materials</i>	Enhanced Antifungal Activity of Pure and Iron-Doped ZnO Nanoparticles Prepared in the Absence of Reducing Agents	(2020) 30:2397-2405	Scopus
18.	Dr. A. Syed Mohamed Department of Chemistry	<i>Materials today : Proceedings</i>	Synthesis and characterization of zinc sulphide nanoparticles embedded in polymeric matrix	2020	Scopus
19.	Dr. A. Syed Mohamed Department of Chemistry	<i>Wutan Huatan Jisuan Jishu</i>	Spectroscopic analysis (Raman, FT-IR, UV, NMR), HOMO, LUMO and first order hyper polarizability calculations of Nor Leucine Maleate (DLNM) using DFT methods	Volume XVI, Issue X, 266- 277, 2020	Scopus





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20.	Dr. A. Syed Mohamed Department of Chemistry	<i>International Journal of Scientific and Technology Research</i>	Identification of Potential Drug Targets from Intrinsically Disordered Protein (IDPs)	Volume 8, Issue 10, 2790-2793, 2019	Scopus
21.	Dr. A. Syed Mohamed Department of Chemistry	<i>Asian Journal of Pharmaceutical and Clinical Research</i>	Virtual Screening of Heterocyclic Compounds against Angiotensin converting Enzyme for potential Antihypertensive Inhibitors	Vol. 12, Issue 2, 350-355, 2019	Scopus
22.	Dr. I. Antony Danish Department of Chemistry	<i>International Journal of Scientific & Technology Research</i>	Multi Scale Plant Based Polymer Matrix: Synthesis, Biodegradation And Thermal Studies	VOLUME 9, ISSUE 01, JANUARY 2020	Scopus
23.	Dr. M. A. Sabitha Department of Chemistry	<i>Wutan Huatan Jisuan Jishu</i>	Phytoremediation of Laboratory Waste Water using <i>Ocimum Sanctum</i> , <i>Cymbopogon Citratus</i> , <i>Aloe Barbadosensis</i> and Reusing for Domestic Purposes	Volume XVII, Issue I, January/2021	Scopus
24.	Dr.S.Shajun Nisha PG & Research Department of Computer Science	<i>Bulgarian Academy of Sciences, Cybernetics and Information technologies</i>	Multiscale transform and Shrinkage Thresholding techniques for Medical Image Denoising- Performance Evaluation	Vol. 20(3) Print ISSN: 1311-9702 Online ISSN: 1314-4081 2020	Scopus
25.	Dr.S.Shajun Nisha PG & Research Department of Computer Science	<i>International Journal of Image and Graphics</i>	Static Thresholded Pulse Coupled Neural Networks in Contourlet Domain — A New Framework for Medical Image Denoising	Vol. 20(3) 2020	Scopus





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26.	Dr. S. Syed Ali Fathima Department of Mathematics	<i>AIP Conference Proceedings</i>	Orientable and non-orientable genus of the intersection power graph of finite groups	2261, 030027 (2020);	Scopus
27.	Dr. S. Syed Ali Fathima Department of Mathematics	<i>AIP Conference Proceedings</i>	Scheduling a triple split Round-Robin tournament using independent edge domination	2261, 030071 (2020);	Scopus
28.	Dr. S. Syed Ali Fathima Department of Mathematics	<i>International Journal of Scientific & Technology Research</i>	Univariate Time Series Models For Fuel Price	VOLUME 9, ISSUE 02, FEBRUARY 2020	Scopus
29.	Dr. S. Syed Ali Fathima Department of Mathematics	<i>Punjab University Journal of Mathematics</i>	Further Results on Intersection Power Graph of Finite Groups	Vol. 52(10)2020 pp.47-53	Web of science
30.	Dr. M. Himaya Jaleela Begum Department of Mathematics	<i>Advances in Mathematics: Scientific Journal</i>	FUZZY t-DERIVATIONS B* -IDEALS IN BCI-ALGEBRAS	9 (2020), no.5, 2517-2531	Scopus
31.	Dr. M. Himaya Jaleela Begum Department of Mathematics	<i>AIP Conference Proceedings</i>	Derivations of contra fuzzy ideals of BFAIgebra	2261, 030028 (2020);	Scopus
32.	Dr.S.Firthous Fatima Department of Mathematics	<i>Advances in Mathematics: Scientific Journal</i>	Connected Anti-Fuzzy Equitable Dominating Set in Anti-Fuzzy Graphs	10 (2021), no.1, 121-128	Scopus
33.	Dr.S.Firthous Fatima Department of Mathematics	<i>AIP Conference Proceedings</i>	N-topological ordered spaces	2261, 030022 (2020)	Scopus
34.	Dr.S.Firthous Fatima Department of Mathematics	<i>Journal of Xidian University</i>	$\square\square$ -Near Subtraction Semigroups	VOLUME 14, ISSUE 4, 2020	Scopus
35.	Dr.S.Firthous Fatima Department of Mathematics	<i>Journal of Xidian University</i>	Intuitionistic Fuzzy prime Bi-ideals of BCK - Algebras	VOLUME 14, ISSUE 3, 2020	Scopus





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36.	N.Mohamed Rilwan Department of Mathematics	<i>Advances in Mathematics: Scientific Journal</i>	Prime Cordial and Signed Product Cordial Labeling on Identity Graph	8 (2019), no.3, 754-758	Scopus
37.	N.Mohamed Rilwan Department of Mathematics	<i>AIP Conference Proceedings</i>	On genus of k-Subspace intersection graph of vector space	2261, 030139 (2020)	Scopus
38.	N.Mohamed Rilwan Department of Mathematics	<i>Journal of Applied Mathematics</i>	Frequency Assignment Model of Zero Divisor Graph	Volume 2021, DOI 10.11155/2021/6698818	Scopus
39.	Dr.S. Angelin Kavitha Raj Department of Mathematics	<i>AIP Conference Proceedings</i>	Strong domination polynomials of flower graph	2261, 030043 (2020);	Scopus
40.	Dr. A. Hamil Department of Commerce	<i>South African Journal of Economic and Management Sciences</i>	Customer Satisfaction towards Fast Food in Palayamkottai City	ISSN: (Online) 2222-3436, (Print) 1015-8812 P	Scopus
41.	Dr. A. Benazir Department of Commerce	<i>Test Engineering and Management</i>	A Study on Impact of ICT among Arts and Science college students in Palayamkottai	March-April 2020 ISSN: 0193-4120 Page No. 6953 - 6956	Scopus
42.	Dr. R.R. Saravanakumar Librarian	<i>Library Philosophy and Practice (e-journal)</i>	User's Satisfaction Level of Library Sources and Services in Pushpalata Vidya Mandir CBSE School, Tirunelveli District, Tamil Nadu: A Study	2019	Scopus
43.	Dr. R.R. Saravanakumar Librarian	<i>Library Philosophy and Practice (e-journal)</i>	Application of Lotka's Law to the Research Publications of Alagappa and Bharathidasan Universities: A Comparative Study	2020	Scopus

6



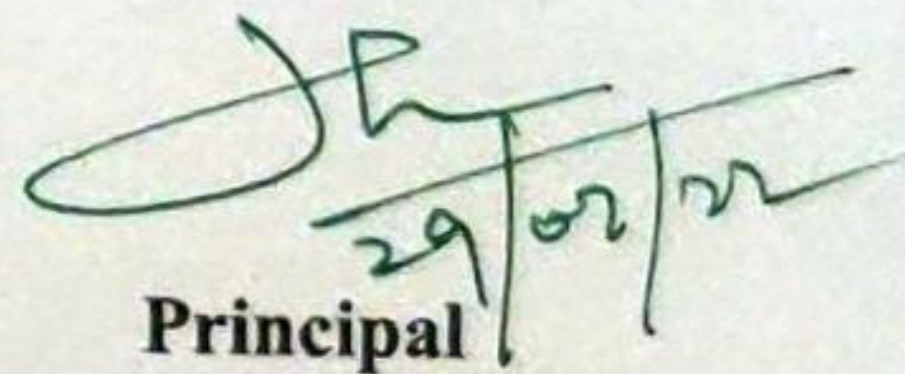


Sadakathullah Appa College

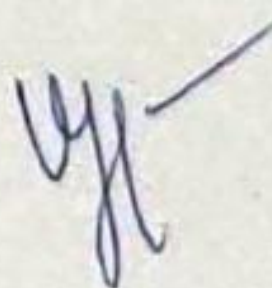
* An Autonomous Institution, Re-Accredited by NAAC at an 'A' Grade, * ISO 9001: 2015 Certified *

44.	Dr. S.Shahul Hameed, Department of Business Administration	<i>Test Engineering and Management</i>	The Impact of Organizational Identification and Employee Engagement on Intellectual Capital Assests: An Empirical Study	May- June 2020 ISSN: 0193-4120 Page No. 6277 - 6285	Scopus
45.	Dr. S.Shahul Hameed, Department of Business Administration	<i>International Journal of Scientific & Technology Research</i>	Is Consumer Behaviour Varying Towards Low And High Involvement Products Even Sports Celebrity Endorsed?	VOLUME 9, ISSUE 03, MARCH 2020	Scopus




Principal

PRINCIPAL
SADAKATHULLAH APPA COLLEGE
Rahmath Nagar, TIRUNELVELI - 627 011.





668
29/7/21

1138
28/7/21

From

Dr. M. Sheik Muhideen Badhusha,
Dean of Research and Development,
Sadakathullah Appa College (Autonomous),
Tirunelveli - 627011.



To

The Secretary and Correspondent,
Sadakathullah Appa College (Autonomous),
Tirunelveli - 627011.

Secy
29/7/21

Through,

The Principal,
Sadakathullah Appa College (Autonomous),
Tirunelveli - 627011.

Respected Sir,

Sub: Publications in Scopus and Web of Science Indexed Journals -
Honorarium - req-reg.

I bring to your kind notice that it was resolved to grant a token honorarium of Rs. 1000/- (Rupees one thousand only) for publication of a research article in Scopus or Web of Science indexed journals at the Governing Board meeting held on 27.03.2021. A total of 45 research papers have been published by 20 faculty members in Reputed Indexed Journals from 2019 - 2020. Hence, I request you to kindly release an amount of Rs. 45,000/- (Rupees forty five thousand only) towards honorarium to pay to the author(s). Kindly find enclosed the details of research paper published.

Thank you,

Date: 28.07.2021

Place: Tirunelveli

Yours Sincerely,

N. Chundrasekar

May kindly be sanctioned.

Already ^{here} been resolved in Governing Board.

Submitted to the Secy

28/7/21

28.07.21
24.08.21

28/7/21

28/7/21

Details of Paper Publications in Web of Science and Scopus Journals

A total of 45 research papers have been published by 20 faculty members in Web of Science and Scopus Journals from June 2019 - January 2021.

S. No.	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
1.	Dr. M. Mohamed Sathik Principal	<i>Int. J. Computer Aided Engineering and Technology</i>	A smooth three-dimensional reconstruction of human head from minimally selected computed tomography slices	Vol. 11, Nos. 4/5, 2019	Scopus
2.	Dr. M. Mohamed Sathik Principal	<i>Int. j. inf. tecnol</i>	Performance analysis of bias correction techniques in brain MR images	(September 2020) 12(3):899-905	Scopus
3.	Dr. M. Mohamed Sathik Principal	<i>International Journal of Future Generation Communication and Networking</i>	Handwritten Tamil Character Recognition in Palm Leaf Manuscripts using BiLSTM Classifier	Vol. 13, No. 4, (2020), pp. 4440 - 4450	Web of Science
4.	Dr. M. Mohamed Sathik Principal	<i>International Journal of Engineering and Advanced Technology</i>	An efficient brain tumor classification based on sobs method for MRI brain images	Volume 9, Issue 1, October 2019, Pages 826-833	Scopus
5.	Dr. M. Mohamed Sathik Principal	<i>International Journal of Engineering and Advanced Technology</i>	A novel classification of MRI brain images using ANFIS and 3D reconstruction	Volume 9, Issue 1, October 2019, Pages 5434-5440	Scopus
6.	Dr. M. Mohamed Sathik Principal	<i>International Journal on Emerging Technologies</i>	Image and video frame extraction system based on improved deep learning technique	Volume 10, Issue 3, 2019, Pages 384-390	Scopus
7.	Dr. S. Mohamed Haneef Department of English	<i>High Technology Letters</i>	Dalit Politics in Sivakami's Novel the Grip of Change	Volume 26, Issue 7, 2020	Scopus
8.	Dr. K. Hema Department of English	<i>Journal of Xi'an University of Architecture & Technology</i>	Reinventing the Self in Terry Mcmillan's How Stella Got Her Groove Back	Volume XII, Issue VIII, 2020	Scopus
9.	Dr. K. Hema Department of English	<i>Journal of Xi'an University of Architecture & Technology</i>	A Study on Gynocentrism in Terry Mcmillan's the Interruption of Everything	Volume XII, Issue VII, 2020	Scopus
10.	Dr. S. M. Abdul Kader Department of Physics	<i>Journal of Materials Science: Materials in Electronics</i>	Structure, morphology and magnetodielectric investigations of BaTi1-xFexO3-6 ceramics	30, 5706-5717 (2019)	Scopus
11.	Dr.S.M. Abdul Kader Department of Physics	<i>Materials Today: Proceedings</i>	Synthesis of Bismuth Oxide nanoflowers using natural honey	16.07.2020	Scopus
12.	Dr.S.M. Abdul Kader Department of Physics	<i>Materials Today: Proceedings</i>	Novel synthesis of undoped and zinc doped iron oxide nanoparticles using Apis Mellifera	11.09.2020	Scopus
13.	Dr. M. Mohamed Roshan Department of Physics	<i>J. Chem. Thermodynamics</i>	Volumetric approach to the interaction of L-Proline in aqueous Metformin Hydrochloride solutions for temperature range 298.15-318.15 K	133 (2019) 312-319	Scopus

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14.	Dr. V. Chinnathambi Department of Physics	<i>International Journal of Nonlinear Sciences and Numerical Simulation</i>	Effect of Fractional Damping in Double-Well Duffing-Vander Pol Oscillator Driven by Different Sinusoidal Forces	Volume 20: Issue 2, 2019	Scopus
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23.	Dr. M. A. Sabitha Department of Chemistry	<i>Wutan Huatan Jisuan Jishu</i>	Phytoremediation of Laboratory Waste Water using <i>Ocimum Sanctum</i> , <i>Cymbopogon Citratus</i> , <i>Aloe Barbadensis</i> and Reusing for Domestic Purposes	Volume XVII, Issue I, January/2021	Scopus
24.	Dr.S.Shajun Nisha PG & Research Department of Computer Science	<i>Bulgarian Academy of Sciences, Cybernetics and Information technologies</i>	Multiscale transform and Shrinkage Thresholding techniques for Medical Image Denoising-Performance Evaluation	Vol. 20(3) Print ISSN: 1311-9702 Online ISSN: 1314-4081 2020	Scopus
25.	Dr.S.Shajun Nisha PG & Research Department of Computer Science	<i>International Journal of Image and Graphics</i>	Static Thresholded Pulse Coupled Neural Networks in Contourlet Domain — A New Framework for Medical Image Denoising	Vol. 20(3) 2020	Scopus

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26.	Dr. S. Syed Ali Fathima Department of Mathematics	<i>AIP Conference Proceedings</i>	Orientable and non-orientable genus of the intersection power graph of finite groups	2261, 030027 (2020);	Scopus
27.	Dr. S. Syed Ali Fathima Department of Mathematics	<i>AIP Conference Proceedings</i>	Scheduling a triple split Round-Robin tournament using independent edge domination	2261, 030071 (2020);	Scopus
28.	Dr. S. Syed Ali Fathima Department of Mathematics	<i>International Journal of Scientific & Technology Research</i>	Univariate Time Series Models For Fuel Price	VOLUME 9, ISSUE 02, FEBRUARY 2020	Scopus
29.	Dr. S. Syed Ali Fathima Department of Mathematics	<i>Punjab University Journal of Mathematics</i>	Further Results on Intersection Power Graph of Finite Groups	Vol. 52(10)2020 pp.47-53	Web of science
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31.	Dr. M. Himaya Jaleela Begum Department of Mathematics	<i>AIP Conference Proceedings</i>	Derivations of contra fuzzy ideals of BFAgebra	2261, 030028 (2020);	Scopus
32.	Dr.S.Firthous Fatima Department of Mathematics	<i>Advances in Mathematics: Scientific Journal</i>	Connected Anti-Fuzzy Equitable Dominating Set in Anti-Fuzzy Graphs	10 (2021), no. 1, 121-128	Scopus
33.	Dr.S.Firthous Fatima Department of Mathematics	<i>AIP Conference Proceedings</i>	N -topological ordered spaces	2261, 030022 (2020)	Scopus
34.	Dr.S.Firthous Fatima Department of Mathematics	<i>Journal of Xidian University</i>	α_2 -Near Subtraction Semigroups	VOLUME 14, ISSUE 4, 2020	Scopus
35.	Dr.S.Firthous Fatima Department of Mathematics	<i>Journal of Xidian University</i>	Intuitionistic Fuzzy prime Bi-ideals of BCK-Algebras	VOLUME 14, ISSUE 3, 2020	Scopus
36.	N.Mohamed Rilwan Department of Mathematics	<i>Advances in Mathematics: Scientific Journal</i>	Prime Cordial and Signed Product Cordial Labeling on Identity Graph	8 (2019), no.3, 754-758	Scopus
37.	N.Mohamed Rilwan Department of Mathematics	<i>AIP Conference Proceedings</i>	On genus of k -Subspace intersection graph of vector space	2261, 030139 (2020)	Scopus
38.	N.Mohamed Rilwan Department of Mathematics	<i>Journal of Applied Mathematics</i>	Frequency Assignment Model of Zero Divisor Graph	Volume 2021, DOI 10.11155/2021/6698818	Scopus
39.	Dr.S. Angelin Kavitha Raj Department of Mathematics	<i>AIP Conference Proceedings</i>	Strong domination polynomials of flower graph	2261, 030043 (2020);	Scopus
40.	Dr. A. Hamil Department of Commerce	<i>South African Journal of Economic and Management Sciences</i>	Customer Satisfaction towards Fast Food in Palayamkottai City	ISSN: (Online) 2222-3436, (Print) 1015-	Scopus

15000

S. No.	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
				8812 P	
41.	Dr. A. Benazir Department of Commerce	<i>Test Engineering and Management</i>	A Study on Impact of ICT among Arts and Science college students in Palayamkottai	March-April 2020 ISSN: 0193-4120 Page No. 6953 – 6956	Scopus
42.	Dr. R.R. Saravanakumar Librarian	<i>Library Philosophy and Practice (e-journal)</i>	User's Satisfaction Level of Library Sources and Services in Pushpalata Vidya Mandir CBSE School, Tirunelveli District, Tamil Nadu: A Study	2019	Scopus
43.	Dr. R.R. Saravanakumar Librarian	<i>Library Philosophy and Practice (e-journal)</i>	Application of Lotka's Law to the Research Publications of Alagappa and Bharathidasan Universities: A Comparative Study	2020	Scopus
44.	Dr. S. Shahul Hameed, Department of Business Administration	<i>Test Engineering and Management</i>	The Impact of Organizational Identification and Employee Engagement on Intellectual Capital Assests: An Empirical Study	May- June 2020 ISSN: 0193-4120 Page No. 6277 – 6285	Scopus
45.	Dr. S. Shahul Hameed, Department of Business Administration	<i>International Journal of Scientific & Technology Research</i>	Is Consumer Behaviour Varying Towards Low And High Involvement Products Even Sports Celebrity Endorsed?	VOLUME 9, ISSUE 03, MARCH 2020	Scopus

1000

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45000

05.08.2021

The Branch Manager
Axis Bank,
Tirunelveli Town -6.

Dear Sir,

Sub: Cheques to be credited through ECS from our Miscellaneous
Account No.914020026199575 (CA)- reg.

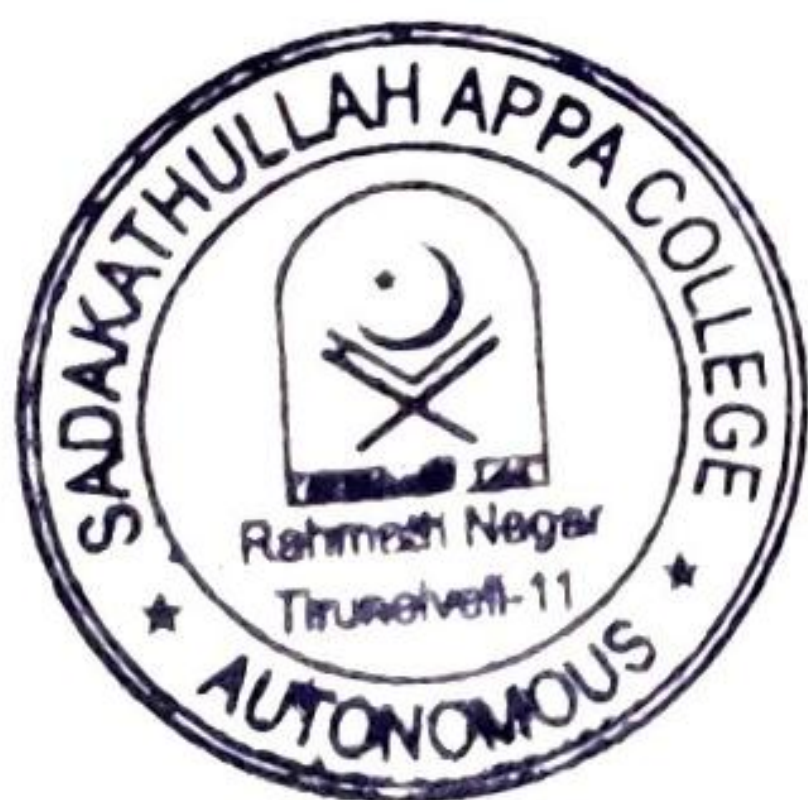
.....
Please find enclosed herewith a **Cheque No.403346/04.08.2021** from our
College Miscellaneous Account. You are requested to credit the same to our
parties Account through ECS as per the following details:

S. No	Name of the Payee	Account No	IFSC Code	Amount Rs.
1	Mohamed Sathik.M	2998101005304	CNRB0002998	6,000.00
2	Mohamed Haneef.S	176601000005366	IOBA0001766	1,000.00
3	Hema.K	176601000005987	IOBA0001766	2,000.00
4	Abdul Kader.S.M	176601000004562	IOBA0001766	3,000.00
5	Mohamed Roshan.M	176601000006491	IOBA0001766	1,000.00
6	Chinna Thambi	912010067968481	UTIB0002095	3,000.00
7	Ferin Fathima	176601000008326	IOBA0001766	1,000.00
8	Syed Mohamed.A	176601000005112	IOBA0001766	4,000.00
9	Antony Danish.I	176601000008684	IOBA0001766	1,000.00
10	Sabitha.M.A	2998101009787	CNRB0002998	1,000.00
11	Shajun Nisha	176601000007431	IOBA0001766	2,000.00
12	Syed Ali Fathima.S	176601000005838	IOBA0001766	4,000.00
13	Himaya Jaleela Begum.M	176601000005995	IOBA0001766	2,000.00
14	Firthous Fathima.S	176601000005996	IOBA0001766	4,000.00

15	Mohamed Rilwan.N	176601000008937	IOBA0001766	3,000.00
16	Angelin Kavitha	152100190650281	TMBLG000152	1,000.00
17	Hamil.A	176601000003832	IOBA0001766	1,000.00
18	Benazir.A	176601000009024	IOBA0001766	1,000.00
19	Saravanakumar.R.R	11450449949	SBIN0010482	2,000.00
20	Shahul Hameed.S	176601000006874	IOBA0001766	2,000.00
21	White Code Technology Solutions Pvt Ltd	409001405447	RATN0000157	17,200.00
22	Mohideen Abdul Kadher.M	37688546486	SBIN0000768	13,000.00
23	Antony Danish.I	176601000008684	IOBA0001766	833.00
24	Syed Ali Bhadhusha.K	2998101003542	CNRB0002952	3,000.00
25	Emam Ali Jamal	2998101007262	CNRB0002998	3,150.00
26	Syed Ali.M	20262900887	SBIN0000768	3,025.00
27	Mohamed Sayeed Khan.K	237201000010756	IOBA0002372	1,000.00
28	Suganda Ramamoorthy	10828771515	SBIN0010315	1,500.00
29	Umar Farook	31612810273	SBIN0001619	225.00
30	Asan Mydeen.T.K	237201000000330	IOBA0001766	1,000.00
			TOTAL	88933.00

PRINCIPAL
SADAKATHULLAH APPA COLLEGE
(AUTONOMOUS)
Rahmath Nagar, Tirunelveli - 627 011.

17/10/21
5/8/21
2021



[Signature]
29/07/21
Principal

PRINCIPAL
SADAKATHULLAH APPA COLLEGE
Rahmath Nagar, TIRUNELVELI - 627 011.

[Signature]

SEED MONEY

Seed Money is provided for doing minor research projects. Interface meetings with subject experts are organized to finalize the proposals. The finalized proposals are sanctioned with Rs.5000/- and Rs.10,000/-respectively.

INCENTIVES

The faculties are encouraged with incentives for publishing articles in reputed journals and granted OD for presenting papers and acted as resources persons. Faculties have published 46 research papers in Scopus, Web of Science and UGC-Care listed Journals. An amount of Rs.46, 000/- has been sanctioned in the academic year 2021-2022. Many faculties have published research papers with remarkable citations h-index and i10-index.

DETAILS OF PAPER PUBLICATIONS IN WEB OF SCIENCE AND SCOPUS- INDEXED JOURNALS 2021 – 2022

S. No	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
1.	Dr. S.M. Abdul Kader Principal	Materials Today: Proceedings	Synthesis of Bismuth Oxide Nanoflowers Using Natural Honey	volume 45, part 4, pages 3908-3910 2021,	Scopus
2.	Dr. S.M. Abdul Kader Principal	Coatings	Photocatalytic and Biological Activity of ZnO Nanoparticles Using Honey	11(9), 1046 2021,	WOS
3.	Dr. S.M. Abdul Kader Principal	Water	Visible Light Photocatalyst and Antibacterial Activity of Bfo (Bismuth Ferrite) Nanoparticles From Honey	vol.14 issue:10 art no: 1545 May 2022	Scopus
4.	Dr. S.M. Abdul Kader Principal	Journal of Materials Science: Materials In Electronics	Growth, Structural, Optical, Thermal, Mechanical and Electrical Properties of Potassium Chromium Sulphate Single Crystals	vol:33 issue:07 January 2022	Scopus
5.	Dr. S.M. Abdul Kader Principal	Physics and Chemistry of Solid State	Investigation on the Solubility, Growth, Vibrational Characteristics And Linear Optical Constants of Potassium Bisulphate Single Crystals	vol.23 issue:2 page no:210-215 April 2022	Scopus
6.	Dr. S.M. Abdul Kader Principal	East European Journal of Physics	Photoluminescence, Impedance, Thermal Characteristics and Hirshfeld Surface Analysis of Potassium Bisulphate Single Crystals For Third Order Nlo	vol.2021 issue:4 page no:145-151 2021	Scopus

S. No	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
			Applications		
7.	S. Khaleel Ahamed Department of English	Journal of Language and Linguistic Studies	Using Bilingual Method in Esl Classrooms: Advantages and Challenges	17(3), 2182-2185; 2021	Scopus
8.	Dr. S. Syed Ali Fathima	Journal of Xidian University	A New Approach on Finding the Edge Pebbling Number of Edge Demonic Graphs	Vo16, ISSUE 3, 178-180, March, 2022	Scopus
9.	Dr. S. Syed Ali Fathima & U.Jerseena Department of Mathematics	Journal of Design Engineering	Some Weak Form of Topological Simple Ring,	No. 8, PP: 11776 – 11787, October 2021	Scopus
10.	Dr. S. Syed Ali Fathima & U.Jerseena Department of Mathematics	International Journal of Mechanical Engineering	Filter in Topological Simple Ring,	Vol. 6 , No. 3, PP.3311-3314, December 2021,	Scopus
11.	Dr. S. Firthous Fathima Department of Mathematics	Design Engineering (Toronto)	On Ideal N-Topological Ordered Spaces	Issue No: 9, pg. No: 5123-5133, December 2021	Scopus
12.	Dr. M.Himaya Jaleela Begum Department of Mathematics	Journal of Design Engineering (Toronto)	Generalized Cubic Ideals of Near Rings	Issue 9, Pages: 14494-14507, ISSN: 0011-9342, Oct 2021	Scopus
13.	Dr. M.Himaya Jaleela Begum	Journal of Design Engineering	Bipolar Fuzzy Bi-ideals of Near-rings	Issue 9, Pages: 15728-15733, ISSN: 0011-9342Dec2021	Scopus

S. No	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
	Department of Mathematics	(Toronto)			
14.	Dr. N.M. Rilwan, Department of Mathematics	Indian Journal of Pure and Applied Mathematics	Book Thickness of the Non-Zero Component Union Graph of the Finite Dimensional Vector Space	April 2022	Scopus
15.	Dr. A. Syed Mohamed (Dept of Chemistry)& A.Zeenath Bazeera(Department of Physics)	Journal of Ovonic Research	Growth and Characterization of DI-Norleucine Maleate Crystals	vol. 18, no. 2, p. 195 – 204 March 2022,	SCI
16.	Dr. M. Sheik Muhideen Badhusha Department of Chemistry	Journal of the Indian Chemical Society	Green Synthesis and Characterization of Fe Doped ZnO Nanoparticles and Their Interaction With Bovine Serum Albumin	<u>volume 98, issue 11</u> , 100197 November 2021,	Scopus
17.	Dr. M. Sheik Muhideen Badhusha Department of Chemistry	The International Journal of Health Sciences (Ijhs)	Anti Tumour Efficacy of Curcumin/Chitosancoated Iron Oxide Nanoparticles in Human Lung Cell Line (L132) in an in Vitro Study	, 6(s1), 13429–13438. April, 2022	Scopus
18.	Dr. M. Sheik Muhideen Badhusha Department of Chemistry	J. Water Environ. Nanotechnol.,	Synthesis of Co and Cu Codoped ZnO Nanoparticles By Citrate Gel Combustion Method: Photocatalytic and Antimicrobial Activity	7(2): 143-154 spring May 2022	Scopus
19.	Dr. I. Antony Danish Department of Chemistry	<u>Computational and Theoretical Chemistry</u>	Dft, Nbo, Homo-Lumo, Nci, Stability, Fukui Function And Hole-Electron Analyses of Tolcapone	<u>volume 1202</u> , 113296 August 2021,	WOS
20.	Dr. I. Antony Danish Department of Chemistry	Heliyon	Spectral, Nbo, Nlo, Nci, Aromaticity And Charge Transfer Analyses of Anthracene-9,10-Dicarboxaldehyde by Dft	vol.7 issue:11 page no:e0837 November 2021	Scopus
21.	Dr. R. Imran Khan Department	Molecular Catalysis	Quinolinium Modified β -Cyclodextrin: An Ionic Ligand Towards Sustainable	vol:519 art no: 112151 January 2022	Scopus

S. No	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
	of Chemistry		A3-Coupling And Tandem Cyclisation Reactions of Aldehydes, Amines and Alkynes		
22.	Dr.Sithi Jameela Department of Zoology	<u>Experimental Parasitology</u>	Larvicidal and Ovicidal Activities of Phenyl Acetic Acid Isolated From <i>Streptomyces Collinus</i> Against <i>Culex Quinquefasciatus</i> Say And <i>Aedes Aegypti</i> L. (Diptera: Culicidae)	volumes 226–227, August 2021,	Scopus
23.	Dr. M.I Zahir Hussain Department of Zoology	ENTOMON	Ovicidal and larval repellent efficacy of <i>Tagetes erecta</i> Linn. on <i>Rhipicephalus sanguineus</i> (Latreille, 1806) (Acari: Ixodidae)	46(4): 305-312 (2021)	Scopus
24.	Dr. M.I Zahir Hussain Department of Zoology	International Journal of Mosquito Research	A review on plant phytochemicals potential for mosquito control	9(6): 47-54 May-2022;	Scopus
25.	Dr. S.Nazarath Begam, Department of Physics	Annals of R.S.C.B	Study on Second And Third Order Nonlinear Optical Properties of Triglycine Sulpho Succinate Single Crystals	issn:1583-6258, vol. 25, issue 5, .pages. 1549 – 1561 2021	Scopus
26.	Mrs. A.Ferin Fathima Department of Physics	Materials Today: Proceedings	Enhancing Structural And Optical Properties of ZnO Nanoparticles Induced By The Double Codoping of Iron and Cobalt	volume 49, part 7, pages 2598-2601 July 2021	Scopus
27.	Dr. V. Chinnathambi Department of Physics	Journal of Nonlinear Studiees	Analysis of Homoclinic bifurcation in a Nonlinearly damped DVP oscillator under the excitation of two forcing terms	vol.28(4), pp.11-23, 2021.	Scopus
28.	Dr. V. Chinnathambi Department of Physics	Nonlinear Dynamics and Systems Theory	Dynamics of Nonlinearly Damped Duffing-vander Pol Oscillator Driven by Frequency Modulated Signal	vol.21(5) pp.1-10, (2021)	Scopus
29.	Dr. V. Chinnathambi	Communications on Applied Nonlinear	Nonlinear Dynamics in Three Particular Two Dimensional Maps Under an Additive	vol. 28(3), pp.83-98, 2021,	Scopus

S. No	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
	Department of Physics	Analysis	Constant Perturbation		
30.	Dr. V. Chinnathambi Department of Physics	<i>CONTRIBUTIONS TO PLASMA PHYSICS</i>	Enhanced vibrational resonance by an amplitude modulated signal in a nonlinear dissipative two-fluid plasma model	<u>Volume 62, Issue 3</u> March 2022	WOS
31.	Dr. V. Chinnathambi Department of Physics	Journal of Nonlinear Analysis and Optimization	HOMOCLINIC TRANSITION TO CHAOS IN THE DUFFING OSCILLATOR DRIVEN BY PERIODIC PIECEWISE LINEAR FORCES	Volume 13(1) April-2022	Scopus
32.	Dr. D. Sathya Department of Physics	GIS SCIENCE JOURNAL	NiS Thin Films for solar cell Applications by Successive Ionic layer Adsorption and Reaction method	VOLUME 9, ISSUE 2, February-2022	Scopus
33.	Dr. Santa T. Jostar Department of Physics	Physica E: Low-dimensional Systems and Nanostructures	Enhancement of opto-electrical properties in Co doped CdS–TiO ₂ nanocomposite thin film as photoanode for Semiconductor Sensitized Solar Cells (SSSCs)	142, 115287, April 2022	Scopus
34.	Dr. Santa T. Jostar Department of Physics	International Journal of Nanoscience and Nanotechnology	Role Of Green Synthesized CuO Nanoparticles Of Trigonella Foenum-Graecum L. Leaves and their Impact on Structural, Optical And Antimicrobial Activity	vol.17 issue:2 page no:109-121 2021	Scopus
35.	Dr. K.Ahamed Anis Fathima Department of Commerce Finance	Design Engineering	Comprehensive Review of Functions of Blockchain And Crypto Currency In Finance And Banking	Issue: 9 pages: 3649- 3655 2021	Scopus
36.	Dr. K.Sheik Mydeen Department of Commerce Finance	Design Engineering	A Study on Buyer Preferences Towards Various Petroleum Retail Outlets In Tirunelveli City	issn: 0011-9342 year 2021 issue: 8 pages: 9730-9735	Scopus
37.	Dr. S.	International	Supra Semi Totally	volume 7, issue	Scopus

S. No	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
	Angelin Kavitha Raj, Department of Mathematics	Journal of Scientific Research & Engineering Trends	Continuous Function in Supra Topological Space	2, March-April-2021, Issn (online)	
38.	Dr. S. Piramu Kailasam Department of Computer Science	Turkish Journal of Computer and Mathematics	A Study of Hybrid Features and YOLO model in COVID'19	Vol. 13. No. 03 (2022) 512-519	Scopus
39.	Dr. R.Kumuthini, Department of Physics(SF) & Dr. S. Piramu Kailasam Department of Computer Science	Journal of Xi an Shiyon University, Natural Science Edition	Green Synthesis and Characterization of Nickel Oxide Nanoparticles	Vol. 18 Issue 6. 2022 522-531	Scopus
40.	Dr. M. Mohamed Sathik, Principal Department of Computer Science	Lecture Notes in Electrical Engineering	Automated Diagnosis of COVID-19 Using Squeeze Net Architecture Based on Deep Learning	841, 2022	Scopus
41.	Dr. Shajun Nisha Department of Computer Science	International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	Critical Information Framework against Cyber-Attacks using Artificial Intelligence and Big Data Analytics	533, 537	Scopus
42.	Dr. Shakul hameed BBA Department of Business Administration	AMERICAN JOURNAL OF ECONOMICS AND SOCIOLOGY	Women's entrepreneurship is one of the most evocative terms used in this century. Women have achieved sustained progress in all domains. Nourishing a	81, 1 Jan 2022	Scopus

S. No	Name of the Faculty and Department	Name of the Journal	Title of the Paper	Vol. No, Issue No, ISSN No, Month Year	Indexed
43.	Dr. Shakul hameed BBA Department of Business Administration	Emerald	Analyzing organizational barriers towards building postpandemic supply chain resilience in Indian MSMEs: a grey-DEMATEL approach	DOI 10.1108/BIJ-11-2021-0677 May 2022	Scopus
44.	Dr. R. Jothi Mani, Department of Physics	Digest Journal of Nanomaterials and Biostructures	Green synthesis of CuO nanoparticle using justicia adhatoda leaf extract and its antibacterial and thermal asset	Vol.16, 3 2021	Scopus
45.	Dr. R. Jothi Mani, Department of Physics	Rasayan Journal of Chemistry	Morinda citrifolia leaf extract mediated green synthesis of copper oxide nanoparticles and its potential and antibacterial studies	Vol. 14, 2 2021	Scopus
46.	Dr. R. Jothi Mani, Department of Physics	Journal of Nano- and Electronic Physics	Green Synthesis of Copper Oxide Nanoparticles from Catharanthus Roseus Plant Leaf Extract and Its Investigation	Vol.13, 1 2021	Scopus

**DETAILS OF PAPER PUBLICATIONS IN WEB OF SCIENCE AND SCOPUS-
INDEXED JOURNALS June 2021 – June 2022**

Total Number of Papers Departments

S.No	Department	Total Number of Papers
1.	English	1
2.	Mathematics	8
3.	Physics	20
4.	Chemistry	7
5.	Zoology	3
6.	Computer Science	3
7.	BBA	2
8.	Commerce	2
	Total	46