



Sri Ramakrishna Mission Vidyalaya College of Arts and Science

(An Autonomous College Affiliated to Bharathiar University & Re- accredited by NAAC with 'A' Grade),
Coimbatore- 641 020

(65th Ranked in National Institutional Ranking Framework (NIRF - MHRD)

52nd Rank in Science Category and 18th Rank in Social Work Category by India Today Best Colleges Ranking 2020)



IQAC e - News Letter Volume 6 / Issue 4 (March 2020 - August 2020)

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Criterion I

Curricular Aspects

Academic Flexibility - New Programme Introduced

The **permanent affiliation** for **B.Com. (PA)** was granted by the Bharathiar University after the visit of Inspection Commission on 19.06.2020 for granting permanent affiliation for the programme B.Com (PA) and **Continuance affiliation** for **B.Sc. Mathematics**.

Internship Training

The Department of Technology in Electrical & Electronic Devices organized a training programme on **"Refrigerator and Washing Machine"** with the support of Godrej and Boyce Mfg. Co. Ltd., Coimbatore from 24 to 29.02.2020. The inauguration function was held on 24.02.2020 at Kirpalaya Class Room. Sri P. Dakshinamoorthy, Head, Department of Electronics, welcomed the gathering. Sri G. Murali,



Principal, SRMV ITI, delivered the introductory address. Sri V.S. Mohan, Senior Manager (Service), Godrej explained the objectives and benefits of the training programme. Totally, 42 students (Both III B.Sc. Ecs. and III B.Voc. TEED) attended the training and got benefited.



Criterion II

Teaching Learning and Evaluation

Mentor Mentee

Mentor Mentee program for students were conducted for all classes in the month of February and March 2020.

Team Teaching

S. No.	Name of Faculty Members	Sub/Topic	Class	Date
1	Sri R. Swami, Assistant Professor of Automobiles and Sri P. Surendar, Assistant Professor of Production Technology (Tool & Die)	Safety in material handling	III B. Voc Automobiles	16.03.2020
2	16 times Un-aided Faculty members used team teaching method			

Peer Tutoring

S. No	Students	Class	Topic	Date
1	Sri K.K.Hariharasudhan, Assistant Professor of TEED	Sri R. Suriyan, III year B. Voc. TEED	Electric Vehicles	03.03.2020
2	13 Peer tutoring classes were handled by Un-aided wing students			

*Soft Skill Development
Activity-Based Learning – Out Bound Training*

Department of B. Com. CA conducted one day **Out Bound Training of Managerial events** on 21.02.2020 at Western Valley Club, Coimbatore. Totally 75 final year students were participated. Dr. A. Malathi, Assistant Professor, Govt Arts and Science College Coimbatore and Mrs. Priyadharshini Assistant Professor, Sree Narayana Guru College Coimbatore Conducted various events on leadership, time management and team building.



Industrial visits

III B.Com CA Students with 1 faculty members went on an Industrial visit at Sri Sakthi Spinning Mill (NGGO Colony) 07.03.2020.



Monitoring Internship

Faculty members inspected the students who are undergoing Internship Training as detailed below:

S. No.	Name of the faculty	Name of the Company	Date of visit
1	Sri K.K.Hariharasudhan, Assistant Professor of TEED	Popular Systems, NSN Palayam, Coimbatore	28.02.2020
2	Sri M. Arunprasath Assistant Professor of Production Technology (Tool & Die)	EITech Engineering Works, Coimbatore	09.03.2020
3		Alphacrafts (P) Ltd., Coimbatore and EITech Engineering Work	10.03.2020
4		EITech Engineering Work, Coimbatore	13.03.2020
5	Sri M.Hariharan Assistant Professor of Automobiles	ABT Maruti Ltd, Head Office	13.03.2020
6	Sri K.K. Hariharasudhan, Assistant Professor of TEED	Vasantha Advanced Systems, Coimbatore	10.03.2020
7			03.07.2020
8	Sri M. Arunprasath Assistant Professor of Production Technology (Tool & Die)	EITech Engineering Works, Coimbatore	10.07.2020
9	Sri K.K. Hariharasudhan, Assistant Professor of TEED	Hindusthan heavy Electricals India Ltd., Coimbatore	22.07.2020
10	Sri M. Arunprasath Assistant Professor of Production Technology (Tool & Die)	Alpha crafts (P) Ltd., Coimbatore	12.08.2020
11		Andal Engineering Works, Coimbatore	12.08.2020

Teacher Profile and Quality Staff Awards and Recognition

Dr. R. Suresh, Assistant Professor of Physics appointed as Editorial Board Member in the Journal **"Advances in Materials"** published by Science Publishing Group Inc., New York, USA.

Evaluation Process and Reforms

- ❖ The Examination committee meetings were held on 20th May 2020 and 03.08.2020.
- ❖ The Result passing board meeting for II & IV semester of UG students and II semester of PG students on 18.08.2020.

Criterion III

Research, Innovations and Extension

Promotion Research and Facilities

The Department of Social Work conducted a research study on **"A study on the Awareness and Impact of COVID'19"** in the month of July 2020.

Seminar/Conferences/workshop Organized

- ❖ The Department of Social Work and Tamil Nadu People's Mental Health Forum, Chennai jointly organized a two-day State Level Seminar on **"Social Work and Mental Health: Are you a Champion?"** on 13 & 14.03.2020. Dr.K. Shanmugavelayutham, our alumnus and State Convenor of TNPMHF delivered the inaugural address. Mr. Dillibabu, CEO, WoW Mind and Behavioural Clinic, Chennai, Mr. Koteswa Rao, Deputy Director, SCARF, Chennai, Dr.L. Ponnusamy, Assistant Professor, NIMHANS, Bangalore, Dr.S.Paramesvaran, Head, Department of Social Work, Vivekananda College, Chennai, Dr. K. Kiruthiga, Psychiatrist and District Nodal Officer, District Mental Health Programme, Coimbatore were the resource persons. Totally, 71 participants from 14 colleges and 5 organizations attended.



- ❖ Two day workshop on **"Artificial Intelligence & Machine Learning"** was organized by the Department of Computer Studies and Department of Computer Science of RKMVERI on 05.03.2020 and 06.03.2020. Sri. Navaneeth Malingan, Dean, School of AI, Coimbatore was a resource person. 57 participants attended the workshop from 12 colleges.



- ❖ The Department of Computer Science stream organized an intercollegiate meet **"Knock IT"** on 25.02.2020. Totally 247 students from 18 colleges were participated.



- ❖ Two day workshop on **“Artificial Intelligence & Machine Learning”** was organized by the Department of Computer Studies and Department of Computer Science of RKMVERI on 05.03.2020 and 06.03.2020. Sri. Navaneeth Malingan, Dean, School of AI, Coimbatore was a resource person. Totally 57 participants attended the workshop from 12 colleges.
- ❖ The Department of Commerce stream organized an intercollegiate meet **“Com-Excultant”** on 12.03.2020. Totally 57 students form 7 colleges were participated.



Webinar organized

S. No.	Date of the Quiz	Subject of the Quiz	Resource Persons	Number of participants	Number of participants eligible for certification
Social Work					
1	09.06.2020	Opportunities and Challenges in Social Work Practice - Post COVID'19	Dr. Emmanuel Johnson, Associate Professor of Social Work, MSW Program, Louisiana College, Pineville, LA 71359	351	92
Cooperation					
2	22.05.2020	Conquering the invisible enemy: Strategies for Cooperatives in the Pandemic World	Dr. Frank Ratnakumar, Vice- principal(Rtd), T.B.M.L College, Porayar	551	
3	28.05.2020	Disruptions of COVID-19 and Response Measures: Role of Cooperatives in Developing Countries	Dr. R. Karunakaran, Associate Professor, Department of Cooperatives College of Business and Economics, Hawassa University, Ethiopia	923	
IQAC					
4	08.06.2020 to 12.06.2020	Webinar Series for Higher Secondary Students on Introduction of Academic Options for Excellence	Faculty members from various Department of our College	113	

Faculty Development Programme Organized

S. No.	Subject of the Quiz	Resource Persons	Date	Number of participants
IQAC and RFEC				
1	One day workshop on ICT Tools for Effective Teaching Learning	Dr. C. R. Sakthivel Mr. M. K. Prakash	03.07.2020	31 Faculties of GAPEY
2			07.07.2020	30 staffs from SRMV of Polytechnic College
3			07.07.2020	37 staffs from SRMV College of Education and Maruthi College of Physical Education

Research Publications and Awards

A) In Journals:

S. No	Name of the Author	Title of the Paper	Name of the Journal	Issue Vol.No. Page No./ Year
1	Dr. J. Chandrasekaran, Associate Professor of Physics	Effect of neodymium stimulation on the dielectric, magnetic and humidity sensing properties of iron oxide nano particles	Materials Chemistry and Physics	254 (2020) 123572, 3.408
2		Fabrication of high-performance SiO ₂ @ p-CuO/n-Si core-shell structure based photosensitive diode for photodetection application	Surfaces and Interfaces	20 (2020) 100622 3.724
3		Influence of high dielectric HfO ₂ thin films on the electrical properties of Al/HfO ₂ /n-Si (MIS) structured Schottky barrier diodes	Physica B: Condensed Matter	594 (2020) 412336 1.902
4		Influence of rare earth doping concentrations on the properties of spin coated V ₂ O ₅ thin films and Cu/Nd-V ₂ O ₅ /n-Si Schottky barrier diodes	Inorganic Chemistry Communications	119 (2020) 108072 1.943
5		Effect of V _d -doping on dielectric, magnetic and gas sensing properties of nickel ferrite nanoparticles	Journal of Materials Science: Materials in Electronics	(2020) https://doi.org/10.1007/s10854-020-04228-3 2.220
6		Impact of Substrate Temperature on the Properties of Rare-Earth Cerium Oxide Thin Films and Electrical Performance of p-Si/n-CeO ₂ Junction Diode	Journal of Inorganic and Organometallic Polymers and Materials	(2020) https://doi.org/10.1007/s10904-020-01667-7 1.941

S. No	Name of the Author	Title of the Paper	Name of the Journal	Issue Vol.No. Page No. / Year
7	Dr. J. Chandrasekaran, Associate Professor of Physics	High Photoresponsive p-Si/n-In ₂ O ₃ Junction Diodes with Low Ideality Factor Prepared Using Closely Packed Octahedral Structured In ₂ O ₃ Thin Films	Journal of Inorganic and Organometallic Polymers and Materials	(2020) https://doi.org/10.1007/s10904-020-01663-x , 1.941
8		Hydrothermally Synthesized Zinc Vanadate Rods for Electrochemical Supercapacitance Analysis in Various Aqueous Electrolytes	Journal of Inorganic and Organometallic Polymers and Materials	(2020) https://doi.org/10.1007/s10904-020-01581-y 1.941
9		Fabrication of Illumination-Dependent Cu/p-Si Schottky Barrier Diodes by Sandwiching MoO ₃ Nanoplates as an Interfacial Layer via JNSP Technique	Journal of Electronic Materials	49 (2020) 4249–4264 1.774
10		Enhanced humidity sensing properties of Fe-doped CeO ₂ nanoparticles,	Journal of Materials Science: Materials in Electronics	31 (2020) 8815–8824 2.220
11		A study on the fabrication and characterization of dye-sensitized solar cells with Amaranthus red and Lawsoniainermis as sensitizers with maximum absorption of visible light,		31 (2020) 6027–6035 2.220
12		Fabrication of ON/OFF switching response based on n-Ni-doped MoO ₃ /p-Si junction diodes using Ni-MoO ₃ thin films as n-type layer prepared by JNS pyrolysis technique	Applied Physics A	126 (2020) 216 1.810
13		Influence of metal (M= Cd, In, and Sn) dopants on the properties of spin-coated WO ₃ thin films and fabrication of temperature-dependent heterojunction diodes	Journal of Sol-Gel Science and Technology	93 (2020) 495-505 2.008
14		Jet Nebulizer Sprayed WO ₃ -Nanoplate Arrays for High-Photoresponsivity Based Metal-Insulator-Semiconductor Structured Schottky Barrier Diodes	Journal of Inorganic and Organometallic Polymers and Materials	30 (2020) 731-748 1.941

S. No	Name of the Author	Title of the Paper	Name of the Journal	Issue Vol.No. Page No./ Year
15	Dr. J. Chandrasekaran, Associate Professor of Physics	Impact of Phase Transformation in WO ₃ Thin Films at Higher Temperature and its Compelling Interfacial Role in Cu/WO ₃ /p-Si Structured Schottky Barrier Diodes	ZeitschriftfürPhysikalischeChemie	234 (2020) 355-379 2.030
16		Jet nebuliser spray pyrolysed indium oxide and nickel doped indium oxide thin films for photodiode application	Optik	202 (2020) 163701 2.187
17		Effect of Organic Additives on the Characteristics of Al/Organic Additive:ZrO ₂ /p-Si Metal-Insulator-Semiconductor (MIS) Type Schottky Barrier Diodes	Journal of Inorganic and Organometallic Polymers and Materials	30 (2020) 564-572 1.941
18		Room temperature LPG sensing properties of tin substituted copper ferrite (Sn- CuFe ₂ O ₄) thin film	Materials Chemistry and Physics	240 (2020) 122265 3.408
19		Growth, spectroscopic, electrical and mechanical studies on hexamethylenetetramine succinate crystal: a new third harmonic generation material	Materials Science-Poland	https://doi.org/10.2478/msp-2019-0086 (2020) 0.911
20		Growth, spectral, optical, dielectric and third order nonlinear studies on 2-amino 4-methylpyridinium salicylate single crystals		https://doi.org/10.2478/msp-2019-0073 (2020) 0.911
21		Superior photoresponse MIS Schottky barrier diodes with nanoporous: Sn-WO ₃ films for ultraviolet photodetector application	New J. Chem	44 (2020) 7708-7718 3.228
22		The rapid response and high sensitivity of a ruthenium-doped copper ferrite thin film (Ru-CuFe ₂ O ₄) sensor	RSC Advances	10 (2020) 13611-13615 3.119
23		A reliable chemiresistive sensor of nickel-doped tin oxide (Ni-SnO ₂) for sensing carbon dioxide gas and humidit		10 (2020) 3796-3804 3.119

S. No	Name of the Author	Title of the Paper	Name of the Journal	Issue Vol.No. Page No. / Year
24	Dr. J. Chandrasekaran, Associate Professor of Physics	Solvent influenced synthesis of single-phase SnS ₂ nanosheets for solution-processed photodiode fabrication	CrystEngComm	22 (2020) 525-533 3.117
25		Effect of copper substitution on structural, optical and humidity-sensing characteristics of cerium oxide nanoparticles	Journal of Physics and Chemistry of Solids	136 (2020) 109173 3.442
26		Experimental and quantum chemical studies on SHG, Z-scan and optical limiting investigation of 2-amino-5-bromopyridinium trifluoroacetate single crystal for optoelectronic applications		136 (2020) 109133 3.442
27	Dr. K. Sathiyathan, Associate Professor of Mathematics	Qualitative Analysis of a Modified Leslie-Gower Model with Addictive Allee Effect and Gestation Delay	Discontinuity, Nonlinearity, and Complexity	9(3), 2020, 461-476.
28	Dr. T. Nandha Gopal, Assistant Professor of Mathematics	Fractional Differential Equations Involving Hadamard Fractional Derivatives with Nonlocal Multi-point Boundary Conditions	Discontinuity, Nonlinearity, and Complexity	9(3), 2020, 421-431.
29	Dr. T. Nandha Gopal, Assistant Professor of Mathematics	On generalized Caputo fractional differential equations and inclusions with non-local generalized fractional integral boundary conditions	Malaya Journal of Matematik	8 (3), 2020, 1099-1109
30	Dr. T. Jayakumar, Assistant Professor of Mathematics	On stiff, fuzzy IRD-14 day average transmission model of COVID-19 pandemic disease	AIMS Bioengineering	7(4): 208-223
31	Dr. A.K.Abdul Hakeem, Assistant Professor of Mathematics	Heat Transfer of Hybrid-nanofluids Flow Past a Permeable Flat Surface with Different Volume Fractions	Journal of Applied and Computational Mechanics	2021. DOI: 10.22055/JA CM.2019.148 42
32		Finned unit solidification with use of nanoparticles improved PCM	Journal of Molecular Liquids	2021
33		Radiative unsteady rarefied gaseous flow over a stretching sheet with velocity slip and temperature jump effects	Journal of the Indian Mathematical Society	87 (3-4), 2020, 261- 275
34		Slip effects on Ohmic dissipative non-Newtonian fluid flow in the presence of aligned magnetic field	Journal of Applied and Computational Mechanics	6(2), 2020, 296-306
35		Entropy optimized MHD 3D nanomaterial of non-Newtonian fluid: A combined approach to good absorber of solar energy and intensification of heat transport	Computer Methods and Programs in Biomedicine	186, 2020, 105-131

S. No	Name of the Author	Title of the Paper	Name of the Journal	Issue Vol.No. Page No. / Year
36	Dr. A.K.Abdul Hakeem, Assistant Professor of Mathematics	Comparison of disparate solid volume fraction ratio of hybrid nanofluids flow over a permeable flat surface with aligned magnetic field and Marangoni convection	Scientia Iranica	2020
37		Effect of Inclined Magnetic Field and Heat Transfer in a Walter's B Fluid over a Stretching Sheet with Elastic Deformation	International Journal of Engineering Research in Africa	48, 2020, 38-48
38	Dr. S. Muthukumar, Assistant Professor of Mathematics	Contemporary Issues in Teaching and Learning Techniques of Differential Equations: A Review Among Engineering Students	International Journal of Advanced Science and Technology	29(7), 2020, 1313-1330
39	Dr. S. Santhoshkumar, Assistant Professor of Mathematics	A Study on Some Properties of Q-Fuzzy Normal Subgroups	Journal of Critical Reviews	7(12), 2020
40		Non-Uniform Heat Sink/Source and Heat Flux Effects on Casson-Fluid with an Inclined Magnetic Field	International Journal of Control and Automation	13(2), 2020
41	Dr. M. Akilesh, Assistant Professor of Mathematics	Properties of Intuitionistic L Fuzzy SubI-Groups	Advances and Applications in Mathematical Sciences	18(11), 2019, 1375-1382.
42	Dr. R. Kannan, Associate Professor of Computer Science	Analysis of Design, Implementation Challenges on Video on Demand Platform	International Research Journal of Engineering and Technology	vol. 7, iss 4., April 2020
43	Dr. M. Ravichandran, Associate Professor of Computer Science	Sentiment Analysis in Tweets about Adverse Drug Reactions of Hydroxychloroquine: An Aspect Level Approach	Journal of Shanghai Jiaotong University	vol 16, iss 8, Aug 2020
44		Coronary artery disease prediction using hidden Markov model based support vector machine	Indian Journal of Science and Technology	vol 13, iss 17, pp. 1703-1713, 2020
45	Sri R.Balamurugan, Assistant Professor of Computer Science	Optimized Fuzzy Hierarchical Clustering based Automated Test case generation for improving Regression Testing on Mobile Apps	JUNI KHYAT JOURNAL	vol 10, iss 6, no 8, June 2020. ISSN 2278-4632
46	Dr. G. Balasundar, Director of Physical Education	Effect of Specific training programme on selected physiological variables of physical education institutions.	International Journal of Physiology, health and physical education	Vol. 1, ISSN. 2664-7265, Pg. 16-19, Dec. 2019.
47	Dr. A. Muthusamy, Assistant Professor of Chemistry	Recognition of Fe ³⁺ by a new azine-based Fluorescent "turn-off" chemosensor and its binding mode analysis using DFT	Journal of Molecular Structure	Vol. 1208, Pg. 127834, 2020. 2.011

S. No	Name of the Author	Title of the Paper	Name of the Journal	Issue Vol.No. Page No./ Year
48	Dr. A. Murugesu, Assistant Professor of Chemistry	Adsorption and Inhibitive Action of <i>MitracarpusHirtus</i> Extract towards the Corrosion of Mild Steel in H ₂ SO ₄ Medium	Journal of Bio- and Tribo- Corrosion	2020
49		An Eco-friendly <i>LeucasAspera</i> Leaves Extract Inhibitor for Copper Corrosion in Hydrochloric Acid Medium	Journal of Bio- and Tribo- Corrosion	Volume 6, 2020
50	Dr. G. Raja & Dr. G. Ayyannan, Assistant Professors of Chemistry	New Palladium(II) complexes with ONO chelated hydrazone ligand: Synthesis, characterization, DNA/BSA interaction, antioxidant and cytotoxicity,	InorganicaChimicaActa	Volume 512, 1 November 2020, 119868
51	Sri S. Gopi, Assistant Professor of Physics	The magnetic property alterations due to transition from barium ferrite (BaFe ₂ O ₄) nano rods to barium carbonate (BaCO ₃) quantum dots	Results in Materials	Volume 7, September 2020, 100121
52	Dr.D.RajaKumar, Assistant Professor of Tamil	பத்துப்பாட்டில் விலங்கியல் பதிவுகள்	Modern Tamizh Research ISSN 2321-984X	Volume 08/01, Issue - 23 JAN-MAR 2020
53		சங்க இலக்கியத்தில் தனிமனித அறம்	Modern Tamizh Research ISSN 2321-984X	Volume 08/01, Issue - 23 JAN-MAR 2020

B) In Seminar / Symposium / Workshop / Conference

S. No	Name of the Staff(s)	Name and place of the seminar / Symposium / Workshop / Conference	Title of Paper/Participated	Date and Year
1	Dr. K. Shanmugasundaram, Assistant Professor of Electronics	National Conference on Innovations in Electronics and Material Science, Nehru Arts and Science College, Cbe	Presented	28th February 2020
2		National Conference on Innovations in Electronics and Material Science, Nehru Arts and Science College, Cbe	Presented	28th March 2020
3	11 Faculty members presented papers in conferences on different dates at different institutions during the month of March 2020.			

M.Phil Produced

S. No	Name of the Candidate	Name of the Supervisor	Department	Date
1	Mr. C. Kannan	Dr. M. Ramamurthy	Physics	09.03.2020

Ph.D. Produced

S. No	Name of the Candidate	Name of the Supervisor	Department	Name of the External Examiner	Date
1	Mrs. Shanthi	Dr.X.Lourdes Xavier Wilson	Cooperation	Dr. K. Ravichandran, Associate Professor of Cooperation, Gandhigram Rural Institute, Dindigul	05.03.2020
2	Mr. N.G. Balavenkatesh			Dr. D. Joel Edwinraj, Associate Professor and Head, Department of Cooperation, TBML College, Porayar	13.03.2020
3	Mr. S. Madhankumar	Dr. M. Dhandapani	Chemistry	Dr. R. Karvembu Professor Department of Chemistry National Institute of Technology Trichy - 620 015	06.08.2020

*Expertise Sharing**Ph.D / M.Phil - Viva voce/Doctoral Committee Meetings attended*

Our faculty members served as subject experts in the Doctoral Committee meetings at various Colleges as detailed below:

S. No.	Name of the Staff	Department & Institution	Date
1	Dr. V. Neelakandan, Associate Professor of English	Subject Expert in Doctoral Committee at Kongunadu Arts and Science College,	07.08.2020
2		Subject Expert in Doctoral Committee at Hindustan College of Arts and Science	18.08.2020
3	Dr. T. Balamurugan, Assistant Professor of Tamil	Subject Expert in Doctoral Committee at Government Arts College, Udagamandalam	13.03.2020
4	Dr. P. Thirunavukkarasu, Associate Professor of Electronics	Doctoral Committee meeting at Bharathiar University, Coimbatore	26.02.2020

Sponsored FDP

- ❖ ATAL-AICTE sponsored FDP on **"Internet of Things"** was sanctioned to Dr C R Sakthivel, Head of Computer Science with grant of Rs 93,000. It will be conducted from 10 Nov to 14 Nov 2020
- ❖ Dr M Jaikumar, Dr M Chandran and S Somasundaram conducted online FDP in collaboration with Spoken Tutorial of IIT Bombay from 28 May 2020 to 5 June 2020 on **"Programming in Java"**. 122 participants attended the programme.

- ❖ Dr C R Sakthivel, Sri MK Prakash and S Somasundaram conducted one day workshop through Google meet on **“Tools for Digital Teaching”** for the teachers of Kalasalingam University on 23 May 2020.

Board of studies attended

Our faculty members served as subject experts in the board of studies meetings held at various Colleges as detailed below:

S. No.	Name of the Staff	Department & Institution	Date
1	Dr. R. Thangavel, Principal	Periyar University, Salem	02.03.2020
2	Dr. A.V. Ramani, Head, Department of Computer Science	Kongunadu Arts and Science College, Coimbatore	29.02.2020
3		Vellalar College for Women, Erode	30.06.2020
4		Hindusthan College of Arts and Science, Cbe	18.08.2020
5	Dr. R. Murugesu, Head, Department of Mathematics	Kongunadu Arts and Science College, Coimbatore	29.02.2020
6	Dr. M. Sethuraman, Associate Professor of Physics	PSGR Krishnammal College for Women, Coimbatore	29.02.2020
7	Dr. M. Ravichandran, Associate Professor of Computer Science	SNS Rajalakshmi College of Arts and Science, Cbe	27.08.2020
8	Dr. A.K. Abdul Hakeem, Assistant Professor of Mathematics	VLB Janakiammal College of Arts and Science, Coimbatore	29.02.2020
9		Hindusthan College of Arts and Science, Coimbatore	12.08.2020
10	Dr. K. Kanagarajan, Assistant Professor of Mathematics	Sri Ramakrishna College of Arts & Science, Coimbatore 641 006	01.06.2020
11		Vellalar College for Women, Erode 638 012	24.06.2020
12	Dr. S. Santhoshkumar, Assistant Professor of Mathematics	CMS College of Science and Commerce, Coimbatore	30.06.2020
13	Dr. N. Shunmugom, Head, Department of Tamil	Bharathiar University, Coimbatore	17, 19 & 20.08.2020
14	Dr. T. Balamurugan, Assistant Professor of Tamil	Rathinam College of Arts and Science, Coimbatore	08.07.2020
15	Dr. R. Kannan, Associate Professor of Computer Science	Government Arts College, Coimbatore.	11.03.2020

Staff Selection Committee members

Our faculty members served as subject experts in the staff selection committee for various Colleges as detailed below:

S. No.	Name of the Staff	Position & Institution	Date
1	Dr. R. Kannan, Associate Professor of Computer Science	PSG College of Arts and Science, Coimbatore	25.02.2020

Other Activities

S. No.	Name of the Staff	Name of the Event & Institution	Date
1	Dr. R. Thangavel, Principal	Attended the meeting "Roadmap of Bharathiar University for Realising Chancellor's Vision 2030" at Bharathiar University	09.03.2020
2	Dr. A. Chandramohan, Head (Retd.) Department of Chemistry	Served as subject expert for Academic audit N.G.M College, Pollachi	03.03.2020
3	Dr. M. Sekar, Associate Professor & Head of Chemistry	acted as a Member for the Continuation of B.Sc. Chemistry Course Affiliation Committee at PSG College of Arts and Science, Coimbatore	18.08.2020
4	Dr. G. Raja, Assistant Professor in Chemistry	Acted as a Convener, for webinar series conducted by IQAC of our college on "Introduction of Academic Options for Excellence"	08, 12.06.2020
5	Dr. P. Thirunavukkarasu, Associate Professor of Electronics	Book release function at Bharathiar University, Coimbatore	26.02.2020
6		Annual Day function at Government Arts College, Mettupalayam	28.02.2020
7		Annual Day function at K.S.K. VriksamKidz School, Edayarpalayam, Coimbatore	07.03.2020
8		Chief guest in Technical Symposium at Sri Ramakrishna College of Arts and Science, Coimbatore	11.03.2020
9		College Committee Meeting at Vellalar College for Women, Erode	11.03.2020
10		Annual Day Function at Shri Vishnu VidhyaBhavan School, Samichettipalayam	13.03.2020

The faculty members participated in Webinar/FDP/Quiz during COVID-19 period.

S.No.	Name of the Staff	Online					
		Webinar		FDP Participated	Quiz Attended	Course Completed	Conference Presented
		Participated	Resource Person				
1	Dr. N. Shunmugom	-	4	-	-	-	-
2	Dr. V. Neelakandan	-	10	-	-	-	-

S.No.	Name of the Staff	Online					
		Webinar		FDP Participated	Quiz Attended	Course Completed	Conference Presented
		Participated	Resource Person				
3	Dr. K. Sathiyathan	-	-	-	-	-	-
4	Dr. K. Kanagarajan	-	-	-	-	-	-
5	Dr. T. Nandha Gopal	-	-	-	-	-	-
6	Dr. T. Jayakumar	-	-	-	-	-	-
7	Dr. A.H. Abdul Hakeem	2	4	-	-	-	-
8	Dr. S. Muthukumar	4	-	4	1	-	-
9	Dr. R. Sathishkumar	13	-	1	2	-	1
10	Dr. S. Santhoshkumar	11	-	5	3	1	-
11	Dr. M. Akilesh	12	-	6	2	1	-
12	Dr. M. Sivabalan	15	-	13	7	-	-
13	Dr.K.Shanmugasundaram	40	-	-	-	-	-
14	Dr. K. Dhanakodi	12	-	-	-	-	-
15	Dr. C. Elancheliyan	3	-	-	-	-	-
16	Dr.J.B.Chandrasekar	13	-	1	-	-	-
17	Dr. A. Jayaraman	1	-	-	-	-	-
18	Dr. N. Sakthivel	2	-	-	-	-	-
19	Dr. S. Kalaiselvan	2	-	-	-	-	-
20	Dr. R. Gokul	-	1	22	12	-	-
21	Dr. T. Balamurugan	5	-	-	-	-	-
22	Dr. R. Suresh	12	2	2	-	-	-
23	Sri S. Gopi	7	-	3	-	2	-
24	Dr. A.V. Ramani	-	-	1	-	-	-
25	Dr. M.Ravichandran	1	-	1	-	-	-
26	Sri R. Balamurugan	2	-	2	-	-	-
27	Dr. G. Raja	7	-	-	-	-	-
28	Dr. A. Murugesh	11	-	-	-	-	-
29	Dr. B. Sivasenthilkumar	2	1	-	-	-	-
30	Dr. G. Ayyannan	4	-	-	-	-	-
31	Dr. M. Saravanabhavan	10	-	-	-	-	-
32	Dr. V. Rajapandian	1	-	-	-	-	-
33	Dr.S.Velanganni	10	-	-	7	-	-

S.No.	Name of the Staff	Online					
		Webinar		FDP Participated	Quiz Attended	Course Completed	Conference Presented
		Participated	Resource Person				
34	Dr.P.Velusamy	9	-	-	8	-	-
35	Dr.R.Mayilsamy	6	-	-	5	-	-
36	Dr.S.Maheshkannan	36	-	-	5	-	-
37	Dr.P.Karthikeyan	6	-	-	7	-	-
38	Sri. P. Surendar	11	-	-	3	-	-
39	Sri. K. K. Hariharasudhan	17	-	-	9	1	-
40	Sri. M. Hariharan	17	-	-	2	1	-
41	Sri.P.Rajavel	10	-	2	3	-	-
42	Sri.R.Swami	19	-	3	10	-	-
43	Sri.M.Arunprasath	92	-	6	15	-	-

Resource Persons

a. Regional

The faculty members of our college delivered invited talks at various institutions as detailed below:

S. No	Name of the Staff	Topic	Event & Institution	Date
1	Dr. A. Chandramohan, Head, Department of Chemistry	Delivered a talk on "Electronic Spectroscopy and its Applications"	Dr. NGP College of Arts and Science, Coimbatore	26.02.2020
2	Dr. A. Muthusamy, Assistant Professor of Chemistry	Resource person for "National Science Day"	Muthayammal Engineering College, Rasipuram	28.02.2020
3	Sri M. Rajivgandhi, Assistant Professor of English	Delivered a talk on "Literary Theories and Criticism - A Modern approach"	Vivekananda Arts and Science College for Women, Sankari	28.02.2020
4	Dr. R. Bharathikannan, Associate Professor of Physics	Delivered key note address on "Women in Science" in National Science day	Arulmigu Palaniandavar College of Arts and Culture, Palani	29.02.2020
5	Dr. R. Gokul, Assistant Professor of Tamil	Delivered a talk on "பெருகியதமிழ் விரகினன்"	Mettupalayam Tamil Sangam, Mettupalayam	29.02.2020
6		Awareness video on "Transforming Young India"	Pioneer Kumaraswamy College, Nagarcoil under student exchange programme	01.03.2020
7	Dr. V. Rajapandian, DST-Inspire Faculty, Department of Chemistry	Delivered a talk on "General Science Facts"	Fatima College, Madurai	04.03.2020

S. No	Name of the Staff	Topic	Event & Institution	Date
8	Dr. C. Elanchelian, Assistant Professor of Social Work	Delivered a talk on "Sensitization about Transgender" in the NSS Special Camp	Hindustan College of Arts and Science at Arugampalayam	09.03.2020
9	Dr. V. Neelakandan, Associate Professor of English	Resource person in Workshop on 'Formal Language Theory in Linguistics'	Hindustan College of Arts & Science, Coimbatore	10.03.2020
10		Resource person in Workshop on 'Phonetics'	Govt. Arts and Science College, Gudalur,	13.03.2020
11	Sri P. Rajavel, Multitasking Staff, KAUSHAL KENDRA	delivered a talk on "வெற்றியின் விலாசம் விவேகானந்தர்"	Personality and Character Building Programme organized by CAP and Nature Club, PSG College of Technology, Coimbatore	29.02.2020
12	Six faculty members delivered talks on different technical topics at different institutions during the month of March 2020			

Consultancy

Extension Activities

- ❖ The Department of Social Work organized three day residential tribal camp on **"Innovative Social Work Practices in Tribal settings"** at Paniya Rehabilitation Farm near Kaiyuni Village, Cherangode Panchayat, Pandalur Block, Nilgiris from 29th February to 2nd March 2020. Students conducted the need assessment survey among the Paniya tribes in three settlements and also conducted General Medical Camp, ENT Camp, Dental Camp and Paediatric Camp. The awareness programme on Substance abuse, Child abuse and Health & Hygiene was performed by our students through street play. Two Skill Training Programme was organized one for NAWA Staff by our students and another one for our students by NAWA Staff.



- ❖ Forty five NSS volunteers along with 2 NSS Programme Officers actively participated in the crowd control, Annathanam Serving and Traffic control



activities in the Karamadai Sri Aranganathan Temple Thear Thiruvizha at Karamadai on 8th and 9th March 2020.

Eco-consciousness

Institutional Social Responsibility

Department of Social Work conducted periodic meetings of Alcoholic Anonymous (AA) as listed below:

S.No.	Date	No. of Participants
1	25.02.2020	9
2	03.03.2020	13
3	10.03.2020	7

**Collaboration
Knowledge Sharing Programme**

The Department of Mathematics conducted a 3 day Hands-on Training Programme on **"MATLAB"** from 29.02.2020 to 02.03.2020 to the Students of Pioneer Kumaraswamy College, Nagercoil under Knowledge Sharing Programme. Twenty two (20 Girls & 2 Boys) students and 2 faculty members participated and successfully completed the programme. In the valedictory function, Swami Nirmaleshananda, Secretary distributed the certificates.



Criterion V

Student Support and Progression

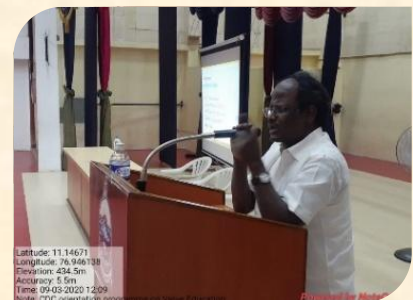
Student Support

Student Induction Programme

- ❖ The students induction programme was conducted for the newly admitted I year UG (Aided and Un-aided) on 24th August 2020. Dr. R. Sridhar, Director, SF wing elaborate the special features and extra learning process. Dr. K. Kandappan, Dean, Student Support Services delivered concluding talk.
- ❖ The student's induction programme was conducted on 25th August 2020 to explain the extracurricular programmes NCC, NSS, YRC and also the scholarships available.
- ❖ The student's induction programme was conducted on 1st September 2020 to explain the features available in Library and Sports and also examination process.

Orientation Programme

The Curriculum Development Cell organized a One-Day orientation programme on **"Value Education"** to all the first year UG students on 9th March 2020. Swami Nirmaleshananda, Secretary presided over the function and delivered a talk on **"Spiritual Values"** in the first session. Dr. P. Thirunavukkarasu, Associate Professor of Electronics, Dr. R. Gokul, Dr. R. Abimanyu, Assistant Professors of Tamil handled the other three sessions. Dr. V. Neelakandan, Associate Professor of English delivered vote of thanks.



Personality Development Programme Organized

Following personality development programmes were conducted for the benefit of our students:

S. No.	Name of the guest	Topic	Department	Date
1	Swami Harivratananda Maharaj	Swami Vivekananda Quotes	28.02.2020	B.Com Students

Association meeting / Guest Lectures Arranged

S. No.	Name of the guest	Topic	Department	Date
1	Sri K. Jai Ganesh, Assistant Manager, Vehicle Electrical and Electronics Product Development, Ashok Leyland, Namakkal	Bharat Stage 6 (BS6) in Detail, Methane Extraction and Environmental impact of air pollution	III B.Voc. Automobiles	07.03.2020
2	Sri M. Selvaraju, Director and Sri Anthony, Embedded Program Engineer	A Two-day Workshop on Embedded Systems	III B.Voc. TEED	12 & 13.03.2020
3	Sri K. Jai Ganesh, Assistant Manager, Vehicle Electrical and Electronics Product Development, Ashok Leyland, Namakkal	BS VI impact in Indian Economy, Opportunity in service industry after BS VI, and Manufacturing process of Trucks and Cars	III B.Voc. Automobiles	14.03.2020



Online Quiz Programme Organized

The Department of Social Work organised eight quiz tests for the benefit of students and research scholars of social work, social sciences and management under the title **“Test your Knowledge Series in Social Work”**.

S. No.	Date of the Quiz	Subject of the Quiz	Faculty Coordinator	Number of participants
1	June 29, 2020	Human Resource Management - II (Labour Welfare and Labour Legislations)	Dr. K. Thirumalaisamy	157
2	July 03, 2020	Social Group Work	Dr. S. Kalaiselvan	346
3	July 08, 2020	Medical and Psychiatric Social Work	Dr. A. Jayaraman	265
4	July 10, 2020	Social Work Research and Statistics	Dr. J.B. Chandra Sekar	297
5	July 14, 2020	Community Organisation and Social Action	Sri N. Sakthivel	238
6	July 18, 2020	Social Welfare Administration and Social Legislation		214
7	July 31, 2020	Human Resource Management - I (HRM, IR & OB)	Dr. J.B. Chandra Sekar	177
8	September 02, 2020	Social Case Work	Dr. C. Elancheliyan	115

Competitive Examinations Cell

1	15 to 20.07.2020	Concept of Cooperation (Part-II)	Dr .S. Velanganni	369
2	16.& 17.07.2020	General Knowledge (Part -I)		143
3	28to 31.07.2020	General Knowledge (Part - III)		130

MSME Course

Sixty nine students from commerce Stream attended the ‘GST Practitioner’ Course offered by MSME of central government. Out of 69 Students 67 students took the examination and all of them cleared the examination.

S. No	Class	Strength
1	III B.Com CA	03
2	I B.Com PA	15
3	II B.Com PA	23
4	III B.Com PA	21
5	I B.Com	05
Total		67

Placement

- ❖ Sureti Insurance Marketing Pvt. Ltd, Conducted Placement drive on 26.02.2020. 76 students of appeared for interview. 10 Students were selected.
- ❖ Electric Vehicle, Coimbatore conducts the On-campus drive to our students of III B.Voc. Automobiles and TEED on 4th March 2020 at ITI Campus. Mr. Arunkumar, Senior Executive - HR Manager and Mr. Dineshkumar, Production Incharge were conducted the interview.
- ❖ Techmatiks Engineering Pvt. Ltd., Hosur conduct the On-campus drive to the students of III B.Voc. TEED on 14th March 2020. Mrs. A. Karthika, Director and Mr. Guruswamy, HR Manager were conducted the interview. Mr.P.Raghul and Mr. E. Tamilselvan got selected.



Literary Club

The Literary Club conducts the following event:

S. No.	Name	Department	Topic	Date
1	Sri J.R. Magesh	III B.Voc. Automobiles	The importance of celebrating Women's Day	09.03.2020



National Service Scheme (NSS)

Seventy two NSS Volunteers rendered the regulatory service for the Aadhar correction camp conducted by SRKV Post Office at College of Education Campus from 12th to 14th March 2020.



Student Progression

Student Participation and Activities - Massive Open On-line course

The following numbers of Students have completed the following courses conducted by Spoken Tutorial of IIT Bombay.

S.No	Programme	Year	Student Enrollment	Student completed	Course
1	B.Sc Mathematics	II	37	35	SCILAB
2	B.Sc Computer Science	II	46	46	Introduction to Computers

Student Research Projects

S. No.	Name of the Students	Name of the Guide	Title of the Project	Funding Agency	Amount	Sanctioned month
1.	Mr. M. Kesavan Mr. A. Kalaivanan, II M.Sc. Chemistry	Dr. M. Saravanabhavan , Assistant Professor of Chemistry	Water soluble carbazole azoles for anti-alzheimer and anti-cancer activities.	Tamil Nadu State Council for Science and Technology, DOTE, Campus, Chennai-600025	Rs. 7,500/-	March 2020
2	Mr. S. Subash II M.Sc. Physics	Dr. R. Suresh Assistant Professor in Physics	Fabrication of ABO ₃ type perovskites thin films for sensor application	Tamil Nadu State Council for Science and Technology, DOTE, Campus, Chennai-600025	Rs. 7,500/-	March 2020

Institutional Visits

S.No	Department	Institution	Date
1	Physics (41 students & 3 Faculty members)	Indian Institute of Science and Visvesvaraya Industrial and Technological Museum, Bangalore	29.02.2020
2	Cooperation (34 students & 2 Faculty members)	Mysore Graduate's Cooperative Bank Ltd., Mysore	28 & 29.02.2020

*Seminars / Symposium / Workshop / Conference attended*

S. No	Name of the Student(s)	Name and place of the seminar / Symposium / Workshop / Conference	Title of Paper / Participated	Date and Year
1	Abikannan Hariharan Nithish Kumar (II B.Com PA)	National level Seminar on Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore.	Emerging Trends in Banking and Finance	14.03.2020

Prize winners

S. No	Name of the Students	Place	Event	Prize	Date
1	R. Vivekkumar, I B.Sc Computer Science	National Level Symposium "WIZABUZ" at Kalaimagal College of Arts and Science,	Quiz	II	27.02.2020
2	R. AshwinPrabhu, I B.Sc and Mr. M. Guna, III B.Sc Computer Science	Inter-collegiate meet "COPRAC-2K20" at SNS Rajalakshmi College of Arts and Science, Coimbatore	Quiz	I Overall Trophy	13.03.2020
3	27 students won prizes at different events conducted by different institutions in the month of Feb and March 2020				

*Criterion VI**Governance, Leadership and Management**Strategy Development and Deployment Meetings*

Dr. R. Thangavel, Principal attended the Online Meeting with Vice-Chancellor, Bharathiar University on 30th July 2020 regarding the commencement of Online classes and awarding marks to students on COVID-19 period.

*Faculty Empowerment Strategies**Nomination of Head of the Department*

Dr. P. Thirunavukkarasu, Associate Professor of Electronics nominated as Head of the Department of Electronics, Dr. K. Sathiyathan, Associate Professor of Mathematics nominated as Head of the Department of Mathematics, Dr. M. Sekar, Associate Professor of Chemistry nominated as Head of the Department of Chemistry.

Orientation / Refresher Course

An Orientation Programme on **"Quality Assessment and Accreditation under Revised Accreditation Frame Work"** was conducted by Dr. N. Muthaiah, Dean, FDMSE of RKMVERI to our faculty members on 3rd March 2020.





Arise, awake and do not stop until the goal is reached.

-Swami Vivekananda

PRINCIPAL

Sri Ramakrishna Mission Vidyalaya College of Arts and Science

**(An Autonomous College Affiliated to Bharathiar University &
Re- accredited by NAAC with 'A' Grade), Coimbatore- 641 020**

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