

## DIST-FIST Scheme Report : Progress Summary

DST File No.: IFD Dy No. 2119		Institute Name : SREE NARAYANA COLLEGE KOLLAM		
Total Sanctioned amount (Rs in Lakh)	Total amount Received (in Lakh)	Total Expenditure (Rs) as on 31.3.2021 (Capital+ General)	Name of the Equipment's Sanctioned for 1 <sup>st</sup> Instalment	Name of the Equipment procured (as of now)
1. Capital- <b>77 lakhs</b> 2. General- <b>.03 lakhs</b>	1. Capital – <b>57.5 lakhs</b> 2. General - <b>Nil</b>	<b>33 lakhs</b>	1. Atomic Absorption Spectrophotometer (major Equipment) 2. Teaching facility <b>(See Annexure 1-A)</b>	1. Atomic Absorption Spectrophotometer (major Equipment) 2. Teaching facility <b>(See Annexure 1)</b>
	Interest earned thereon ( in Rs)			
	1. Capital – <b>3.66 lakhs</b> 2. General - <b>Nil</b>			
<b>Status of procurement of Networking (NW)/ Books (B)/ Infrastructure(IF) (Lab renovation), Maintenance Etc.,</b>  <b>( as per the items, sanctioned)</b>	<b>Expenditure (as on 31.3.2021) (Rs in lakh)</b> NW- <b>2.93 lacks</b> B- <b>0.5 lakhs</b> IF- <b>Nil</b> M- <b>NA</b>	<b>Brief write up about the status of procurement NW, IF (Books &amp; Lab renovation) &amp; Maintenance. (Not more than 100 words )</b>  A common computer net working Lab is established in the Dept. of Mathematics. It includes 30 computers (10 through DST-FIST) support with internet connectivity. Another E-learning lab equipped with HPE ML350 Gen9 E5-2620v4 16GB SFF Server , online UPS, internet connectivity is being established. This lab will be beneficial mainly for the post graduate students and research scholars.		
<b>Scientific Progress based on the 1<sup>st</sup> instalment (Achievements-publications/patents/others etc.)</b>	<ul style="list-style-type: none"> <li>• No.of Publication with DST FIST Facilities: <b>30</b></li> <li>• Average Impact Factor: <b>4.05</b></li> <li>• Patents(Number): <b>NIL</b></li> <li>• Others, if any: <b>NIL</b></li> <li>• No. of publications other than FIST Facilities: <b>54</b></li> <li>• No./ Quantum of EMR grants: <b>NIL</b></li> <li>• No. of PhDs produced: <b>21</b></li> <li>• No of Student qualified: <b>05</b> (NET/GATE/SLET)</li> </ul>	<b>Brief of on Progress (Not more than 100 words)</b>  The Faculties, PhD scholars, UG and PG and students are utilizing the major and minor instruments procured under the DST-FIST scheme for UG and PG projects and dissertation works and PhD programmes. During the year 2019-20, 45 research scholars worked in the science departments and they used all the major and minor equipment purchased in the DST-FIST project. The availability of the equipment enabled the Post graduate students and research scholars to accomplish their research objectives within the time frame stipulated		

		<p>and seventeen students were able to submit the MSc dissertations/Ph.D. Thesis. 15 students were awarded with Ph.D. during the year 2019-21. They are also sent for training and skill development courses and they are provided with opportunity to present their research works in National and international Seminars and conferences. The department of Zoology, Physics and Chemistry organized three international seminars in 19-21 and thereby providing the research students to present their research works and also to interact with nationally and internationally acclaimed scientists and resource persons. The college also conducted workshops on Biostatistics for research students. The research students are able to do their research as per their work plan and able to prepare good quality research papers and also to present their research findings in National and International seminars. Many of them are able to communicate and publish their works in reputed journals.</p>
<p><b>Initiative towards optimal utilization of the FIST facilities</b></p>	<ul style="list-style-type: none"> <li>• No. of external researchers using FIST facilities:</li> <li>• No of industrial samples analyzed:</li> <li>• Any Academia-Industry collaborations:</li> </ul>	<p>Major equipment, Atmospheric Absorption Spectrum (AAS) was installed in Dept of Zoology. Sample Analysis under progress</p>
<p><b>Activities pertaining to Scientific Social Responsibility</b></p>	<ul style="list-style-type: none"> <li>• No. of Training/ Workshop organized: <b>03</b></li> <li>• No. of Seminar/ Symposia organized: <b>03</b></li> <li>• Mentoring activity for researchers from less endowed places/ weaker socio-economic strata:</li> <li>• Any other relevant significant activity:</li> </ul>	<p>Training, Seminar, Workshops, Mentoring for researchers from less endowed places or women researchers or researchers belonging to weaker socio economic strata or any other appropriate relevant activity.</p> <ul style="list-style-type: none"> <li>• Seven-days On-line training programme on Biostatics “From Basics to Data Analysis” organized chemistry Dept; Oneday Workshop on floriculture and flower arrangement principles and practises; One-day workshop on Training programme on Mushroom cultivation organised by Dept of Botany; <b>Three</b> Interanational seminars conducted by Dept of Zoology, Chemistry &amp; Physics viz., International Conference on recent trends in theoretical and applied Physics (ICRTTAP), International Webinar on recent advances in Chemical sciences, International Seminar on Current status and Challenges for Conservation and Sustainable use of Biodiversity (ISCCSB 2020)</li> </ul>

Status of link-up with I-STEM Portal	UNDER PROCESS
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