



**PONNAIYAH RAMAJAYAM INSTITUTE OF  
SCIENCE & TECHNOLOGY (PRIST)**

Declared as DEEMED-TO-BE-UNIVERSITY  
U/s 3 of UGC Act, 1956

## Self Appraisal Report

(For the period from 2022 to 2023)

Part I: Personal Data	
Name of the Faculty Member	Dr. Smitha Elsa Peter (Male/ <input checked="" type="checkbox"/> Female)
Date of Birth	29/10/1978
Assessment period	From 2022 to 2023
Designation & Date of joining PRIST	Professor & 25/09/2008
Date of appointment to current designation	6.6.2018 Head of the Department
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	PhD (ECE)
Details of leave availed during the assessment period	18 days

<b>Part II: SELF ASSESSMENT</b>		
<b>II-A: Research Component*</b>		
Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	1. Dr. Smitha Elsa Peter – Pill Dispenser (2022) – Patent granted 2. Dr Smitha Elsa Peter - Hollowed Pentagon Model Patch Antenna (2023; Under examination)
2.	Technology developed and duly recognized by Competent Authority	Nil
3.	Technology upgradation and duly recognized by Competent Authority	Nil
4.	Book / Monograph Published	Medical Electronics , Optical Communication Networks, Communication System , Human Values And Ethics
5.	Peer reviewed paper (international)**	Dr. Smitha Elsa Peter, 'A Real Time IOT based Vehicle Surveillance Tracking, Facial Recognition Anti-Theft & Exhaust Gases Monitoring System', International Research Journal of Engineering and Technology (IRJET), Vol. 8, Iss 7, e-ISSN: 2395-0056, p-ISSN: 2395-0072, pp. 3412 – 3419. <a href="https://www.irjet.net/">https://www.irjet.net/</a>
6.	Peer reviewed Report (International)	Nil
7.	Peer reviewed paper (National)	Nil
8.	Peer reviewed Report (National)	Nil
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	Nil
10.	Participation in International Seminar as key presenter / key-note speaker	Nil

11.	International Seminar / Workshop Paper Presentation	Nil
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\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	Nil
13.	Participation in National Seminar as key presenter / keynote speaker	Nil
14.	International Seminar / Workshop / Paper Presentation	1
15.	National Seminar / Workshop Poster Presentation	Nil
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	2
17.	M.Phil / M.Tech Dissertation supervision done	Nil
18.	Other Dissertation / Supervision done	Nil
19.	International funded project formulation including its approval by funding agencies	Nil



20.	National funded project formulation and its approval by funding agency	Nil
21.	Peer recognized International and National awards / Fellowships	Nil

\* Pls. add additional sheets wherever necessary

**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	Nil
2.	Assisting in organizing training for users/stakeholders	Nil
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Nil
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	Nil
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	Nil
6.	Teaching input in PRIST Deemed to be University	Pls. furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	Nil
8.	Technical services for identification / testing of various kind of samples/species	Nil
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	Nil



10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Nil
11.	Completion of projects assigned by various funding agencies	Nil

**\* Pls. add additional sheets wherever necessary**

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	Nil
2.	Organizing technical meetings related to the research management	Nil
3.	Bringing out Proceedings of meetings related to research Management	Nil
4.	Development & implementation Research Information Management through E-governance	Nil
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	Nil
6.	Execution/completion of consultancy project	Nil
7.	Technical and Advisory Services to other agencies including International	Nil
8.	Extension Services rendered using Research output	Nil

**\* Pls. add additional sheets wherever necessary**

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

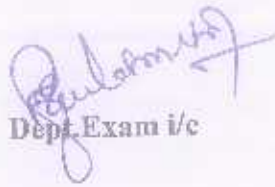
CAMPUS: VALLAM

SCHOOL/DEPT: School of Engineering and Technology / Dept of ECE


NAME OF THE FACULTY: Dr. Smitha Elsa Peter

WEEKLY TEST No. 1 / END SEM EXAM (Month/Yr) \*: June 2022 – May 2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1.	20152C45 – LIC	55	20	05	-	20	10
2.	19152C63 – Wireless Communication	52	20	10	10	-	22

  
Dept. Exam i/c

  
Head of the Department  
Department Of Electronics and  
Communication Engineering  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956)  
THANJAVUR - 613 403, TAMIL NADU.

  
Dean  
DEAN  
School of Engineering and Tech.  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur-613 403.


CAMPUS: VALLAM


SCHOOL/DEPT: School of Engineering and Technology / Dept of ECE

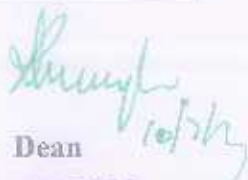
NAME OF THE FACULTY: Dr. Smitha Elsa Peter

WEEKLY TEST No. 2 /END-SEM EXAM (Month/Yr) \*: June22 – May 2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1.	20152C45 – LIC	55	15	20	20	-	-
2.	19152C63 – Wireless Communication	52	15	20	15	02	-

  
Dept. Exam i/c

  
Head of Department  
Department Of Electronics and  
Communication Engineering  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
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THANJAVUR - 613 403, TAMIL NADU,

  
Dean  
DEAN  
School of Engineering and Tech.  
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Vallam, Thanjavur-613 403



CAMPUS: VALLAM

SCHOOL/DEPT: School of Engineering and Technology / Dept of ECE

NAME OF THE FACULTY: Dr. Smitha Elsa Peter

PRE-SEMESTER EXAM / END SEM EXAM (Month/Yr) \*: Jan – May 2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1.	20152C45 – LIC	55	15	20	20	-	-
2.	19152C63 – Wireless Communication	52	15	20	15	02	-

Dept.Exam i/c

Head of the Department  
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DEAN  
School of Engineering and Tech.  
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Vallam, Thanjavur-613 403.

CAMPUS: VALLAM

SCHOOL/DEPT: School of Engineering and Technology / Dept of ECE

NAME OF THE FACULTY: Dr. Smitha Elsa Peter

PRE SEMESTER EXAM / END SEM EXAM (Month/Yr) \*: May 2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1.	20152C45 – LIC	55	15	20	20	-	-
2.	19152C63 – Wireless Communication	52	15	20	15	02	-

Dept.Exam i/c

Head of the Department  
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Dean  
DEAN  
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Deemed to be University  
Vallam, Thanjavur-613 403.

Any innovation/best practice followed in teaching methodology can be described below:

- Handled classes using Power point presentations.
- Usage of micro video lectures for better explanation of concepts

### Part III – Summary of Self Evaluation

#### Strengths of the faculty

- Handled classes using Power point presentations.
- Usage of micro video lectures for better explanation of concepts.

#### Challenges before the faculty

- Drawing the attention of the students.
- Making efficient usage of Learning Management Systems to effectively handle classes.
- Providing real time exposure to students for better understanding of concepts.

Date: 10. 7. 2023

  
Signature of Faculty

Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

NIL

*[Signature]*  
Head of the Department  
Department Of Electronics and  
Communication Engineering  
Signature of HoD with name/date  
Science & Technology (PRIST)  
(Institution Deemed to be University  
11's 3 of the UGC Act, 1956)  
THANJAVUR - 613 403, TAMIL NADU

Remarks of the Dean

Concentrate more on arranging workshops for students

*[Signature]*  
DEAN 10/7/23  
Signature of Dean with name/date  
School of Engineering and Tech  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur - 613 403

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean.

*[Signature]*  
Head Of The Department  
Department Of Electronics and  
Communication Engineering  
Signature of the faculty with name/date  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
(Institution Deemed to be University  
11's 3 of the UGC Act, 1956)  
THANJAVUR - 613 403, TAMIL NADU.

Forwarded to the Registrar

*[Signature]*  
Signature of Dean with name/date  
School of Engineering and Tech  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur - 613 403

*[Signature]*





Self Appraisal Report

(For the period from 2022 to2023)

<b>Part I: Personal Data</b>		
Name of the Faculty Member	Dr. R. Arun Kumar	
Date of Birth	06/06/1986	
Assessment period	From( 2022 to2023)	
Designation& Date of joining PRIST	Assistant Professor- 25/05/2018	
Date of appointment to current designation	24/05/2018	
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	M.Sc., M.Phil., B.Ed., Ph.D	
Details of leave availed during the assessment period	12 days	
<b>Part II: SELF ASSESSMENT</b>		
<b>II-A: Research Component*</b>		
Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	<b>Granted Patents</b> <ol style="list-style-type: none"><li>1. Face Shield Mask With Integrated Heater Box Eliminate Virus And Other Pathogens/29-02 Application No: 420531-001; CBR No:- 200195.</li><li>2. Biosensor And UV Chamber Mask For Detection And Eradication Of Viruses (Sars-Cov-2) And Harmful Pathogens/29-02 Application No: 402357-001; CBR No:- 216029.</li><li>3. Multi Plate Gel Rocker/24-02. Application No:- 328053-001;</li><li>4. House Hold Multimode Feed Pellet Making Machine /30-00 Application No: 342560-001; CBR No:-200049.</li><li>5. Biodegradable Hexagonal Box Using For Controlled And Root-Targeted Fertilizer Delivery/09-03 Application No: 378974-</li></ol>

		<p>001; CBR No:- 200021.</p> <p>6. Round Sweet Maker Machine with Manual Operation and Portability/31-00. Application No: - 373883-001</p> <p>7. Heater Glove to Kills Virus (Covid) Fungus And Other Microbes/02-06 Application No: 364303-001;</p> <p>8. Virus (Covid-19), Fungus and Bacteria Killer Ultraviolet Light Compartment Mask/29-02. / CBR No: 200104; Application No: 350619-001</p> <p><b>Under Progress</b></p> <p>Seed Ball Container With Water Harvester For Planting In Deforestation, Agriculture and Desert/09-03 Application No: 388472-001;</p> <p>Manual-Operated Round Sweet Maker And Dough Preparation Machine/31-00 Application No: 399823-001;</p> <p>Ultraviolet Light Mask Bracket for Enhanced Breathing and Kills Pathogens (COVID)/29-02 Application No: 394423-001;</p>
2.	Technology developed and duly recognized by Competent Authority	
3.	Technology upgradation and duly recognized by Competent Authority	
4.	Book / Monograph Published	<p>1. <b>Arun Kumar Ramu, Ranjani Rajendran, Azhagu Madhavan Sivalingam, V.D. Seshadri and Abdul Bakrudeen Ali Ahmed (2022).</b> Anticancer potentiated bioactive compounds from marine flora. Marine Antioxidants Preparations, Syntheses, and Applications, Second Edition, Publisher: Elsevier. ISBN : 978-0-323-95086-2.</p> <p>2. <b>Arun Kumar and Bakrudeen Ali Ahmed, (2022).</b> Marine Algal Products and Algal Nanoparticle Synthesis against Cancer, Bioprospecting Algae for Nanosized Materials – Springer Nature, Cham, Switzerland, ISBN:978-3-030-81557-8, Chapter-17, Pp-261-274</p> <p>3. Somasundaram Ambiga, Raja Suja</p>



		<p>Pandian, Bakrudeen Ali Ahmed, Raju Ramasubbu, <b>Ramu Arun Kumar</b>, Lazarus Vijune Lawrence, Arjun Pandian, Sasikumar Yesudass and Sivakumar Bose (2022). Future Trends in Biomedical Applications: Materials Development and Processing .Publisher: CRC Press (Taylor &amp; Francis) I LIC. ISBN: 9781003173533</p>
5.	<p>Peer reviewed paper (international)**</p>	<ol style="list-style-type: none"> <li>1. Mohammad Rashid Khan, Nouf Omar Alafaleq, <b>Arun Kumar Ramu</b>, Khaled Alhosaini, Mohd Shahnawaz Khan, Torki A. Zughaibi, Shams Tabrez. Evaluation of biogenically synthesized MgO NPs anticancer activity against breast cancer cells. Saudi Journal of Biological Sciences. 2023.11;1-8.</li> <li>2. Preeja Prabhakar, Bakrudeen Ali Ahmed, Saravana Babu Chidambaram, <b>Arun Kumar</b>, Arjun Pandian. In Vitro Ameliorative Effects of Sinapic Acid on Parkinson Related Neurotoxicity in SHSY5Y Cell Lines. International Journal of Nutrition, Pharmacology, Neurological Diseases: 2023, 13, 1, 16-24.</li> <li>3. Preeja Prabhakar, Bakrudeen Ali Ahmed, Saravana Babu Chidambaram, <b>Arun Kumar</b>, Arjun Pandian. Sinapic Acid Improves Neurotransmitter Status and Oxidative Stress Related Changes in Mouse Model of Experimental Parkinsonism. International Journal of Nutrition, Pharmacology, Neurological Diseases: 2023, 13, 1, 25-31</li> <li>4. Nasimudeen R. Jabir, Chelapram K. Firoz, Torki A. Zughaibi, Mohammed, Abdullah Alsaadi, Adel M. Abuzenadah, Ahmed Ibrahim Al-Asmari, Ahdab Alsaicedi, Bakrudeen Ali Ahmed, <b>Arun Kumar Ramu</b> &amp; Shams Tabrez. A literature perspective on the pharmacological applications of yohimbine. Annals Of Medicine, 2022, VOL. 54, NO. 1, 2861–2875</li> </ol>
9.	<p>Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)</p>	<p><b>Research Journal Reviewer</b></p> <ol style="list-style-type: none"> <li>1. Naunyn-Schmiedeberg's Archives of Pharmacology. Springer Nature.</li> <li>2. Biochemical and Biophysical Research Communications</li> <li>3. Biochimica et Biophysica Acta (BBA) - Reviews on Cancer</li> </ol>



4. Biomedicine & Pharmacotherapy. Elsevier (6)
5. Journal of Advances in Biology & Biotechnology - Certificate No: PRJABB116372ARU
6. Asian Journal of Biology - Certificate No: PRAJOB112645ARU
7. Journal of Experimental Agriculture International- Certificate No:PRJEAI119553ARU
8. B.P International - Certificate No: BPI/PR/Cert/8411A /DAQ/PR/Cert/107454/DRA
9. Biotechnology Journal International - Certificate No: SDI/HQ/PR/Cert/107454/DRA
10. International Journal of Environment and Climate Change - Certificate No:SDI/HQ/PR/Cert/107480/DRA
11. Asian Journal of Research in Nursing and Health - Certificate No:SDI/HQ/PR/Cert/103239/DRA
12. International Journal of Plant & Soil Science- Certificate No: SDI/HQ/PR/Cert/104298/DRA
13. International Journal of Plant & Soil Science - Certificate No:SDI/HQ/PR/Cert/101980/DRA
14. International Journal of Environment and Climate Change- Certificate No:SDI/HQ/PR/Cert/99861/DRA
15. Journal of Advances in Microbiology- Certificate No:SDI/HQ/PR/Cert/99834/DRA
16. South Asian Journal of Research in Microbiology- Certificate No: SDI/HQ/PR/Cert/99425/DRA
17. South Asian Research Journal of Natural Products - Certificate No: SDI/HQ/PR/Cert/95767/DRA
18. International Research Journal of Pure and Applied Chemistry- Certificate No: SDI/HQ/PR/Cert/92181/DRA
19. Asian Journal of Medical Principles and Clinical Practice- Certificate No: SDI/HQ/PR/Cert/94975/DRA
20. Archives of Current Research International- Certificate No: SDI/HQ/PR/Cert/93972/DRA
21. Asian Journal of Agricultural Extension, Economics & Sociology- Certificate No: SDI/HQ/PR/Cert/93509/DRA
22. International Journal of Advances in Nephrology Research - Certificate No: SDI/HQ/PR/Cert/91280/DRA
23. Asian Journal of Research in Medical and

	Pharmaceutical Sciences - Certificate No: SDI/HQ/PR/Cert/90727/DRA
	24. Chemical Science International Journal- Certificate No: SDI/HQ/PR/Cert/90591/DRA
	25. Journal of Advances in Medical and Pharmaceutical Sciences -Certificate No: SDI/HQ/PR/Cert/89518/DRR
	26. Asian Journal of Food Research and Nutrition - Certificate No: SDI/HQ/PR/Cert/89470/DRA
	27. International Neuropsychiatric Disease Journal- Certificate No: SDI/HQ/PR/Cert/86870/DRA
	28. Journal of Applied Life Sciences International- Certificate No: SDI/HQ/PR/Cert/87221/DRA
	29. Journal of Scientific Research and Reports- Certificate No: SDI/HQ/PR/Cert/87496/DRA
	30. Asian Journal of Advances in Research- Certificate No: MBIMPH/PR/Cert/1842/DRA
	31. Current Journal of Applied Science and Technology-Certificate No: SDI/HQ/PR/Cert/86629/DRA
	32. Journal of Pharmaceutical Research International-Certificate No: SDI/HQ/PR/Cert/86478/DRA
	33. Plant Cell Biotechnology And Molecular Biology-Certificate No: IKP/PR/Cert/10706/DRA
	34. Biotechnology Journal International-Certificate No: SDI/HQ/PR/Cert/86824/DRA
	35. Journal of Complementary and Alternative Medical Research-Certificate No: SDI/HQ/PR/Cert/86248/DRA.
	36. Uttar Pradesh Journal Of Zoology - Certificate Number- MBIMPH/PR/Cert/1840/DRA
	37. European Journal of Medicinal Plants- Certificate Number- SDI/HQ/PR/Cert/86786/DRA
	38. Scientific report, Nature Journal, Date: 20.04.2022
	39. Journal of Biomaterials and Tissue Engineering, Date: 28/02/2022
	40. International Journal of Biochemistry Research & Review-Certificate Number- SDI/HQ/PR/Cert/82613/RAR
	41. Asian Journal of Medicine and Health- Certificate Number- SDI/HQ/PR/Cert/80589/RAR
	42. Journal of Advances in Medicine and Medical



		<p>Research- Certificate Number- SDI/HQ/PR/Cert/66618/RAR</p> <p>43. Phytotherapy Research, Wiley, Date:23.02.21</p> <p>44. Journal of Biochemistry International- Certificate Number- IKP/PR/Cert/8674/RAR</p> <p>45. Asian Journal of Research in Cardiovascular Diseases- Certificate Number- SDI/HQ/PR/Cert/63971/RAR</p> <p>46. European Journal of Medicinal Plants- Certificate Number- SDI/HQ/PR/Cert/62592/RAR</p> <p>47. International Research Journal of Pure and Applied Chemistry- Certificate Number- SDI/HQ/PR/Cert/59047/RAR.</p> <p>48. Asian Journal of Biochemistry, Genetics and Molecular Biology- Certificate Number- SDI/HQ/PR/Cert/58299/RAR</p>
10.	Participation in International Seminar as key presenter / key-note speaker	1. Invited talk Bharath College Patent Filing Process: Steps from Preparation to Grant Approval, International Webinar PG and Research Department Of Biotechnology. Bon Secours College for Women. Thanjavur 2023
11.	International Seminar / Workshop Paper Presentation	

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	
13.	Participation in National Seminar as key presenter / keynote speaker	<p>1. Six Days International Faculty Developer Program on "International Level Virtual Faculty Development Programme on AI For Educators' A Six Days Faculty Development Journey from 13th to 23th March, 2023 organized by Periya Maniammai Institute of Science &amp; Technology, Thanjavur, Tamil Nadu, India</p> <p>2. Three Days International Faculty Developer Program on "Writing Effective Research Proposals, Plagiarism Tools/Software and How to Make Publication In Reputed Journals from 27th</p>



		<p>to 29th December, 2023 organized by Institut For Educational Research And Publicatio (IFERP),Chennai, Tamil Nadu, India</p> <p>3. One days National Level Webniar on “World Animal Day Webinar on “Perspectives of La Animal Research” from 4<sup>th</sup>-Oct-2023, organize byCentre for Laboratory Animal Technology an Research, Sathyabama Institute of Science an Technology, Chennai, Tamil Nadu, India</p> <p>4. One days National Level Workshop on “Nationa Level Workshop cum Training Programme o Polymerase Chain Reaction (PCR)” from 28-Oct 2022, organized byNational Institute of Foo Technology Entrepreneurship and Managemer (NIFTEM), Thanjavur, Tamil Nadu, India</p> <p>5. Two days National Level Workshop on “Wood Plant Tissue Culture” from 03-Mar-2022 to 04 Mar-2022, organized byDepartment o Biotechnology, The Gandhigram Rural Institute Deemed University, Gandhigram, Tamil Nadu India.</p> <p>6. Five days National Level Webinar on “Virtual Faculty Development Program” from 08-Feb 2022 to 12-Feb-2022, organized by IIMT Colleg Of Pharmacy, Greater Noida, India.</p>
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	4 Guidance 1 thesis Submission
17.	M.Phil / M.Tech Dissertation supervision done	-
18.	Other Dissertation / Supervision done	EDC Cell co-coordinator, Patent
19.	International funded project formulation including its approval by funding agencies	-

20.	National funded project formulation and its approval by funding agency	<p>Title: Anticancer potential of Baicalin combined with Paclitaxel on oral squamous cell carcinoma (OSCC) an invitro and invivo approach, ICMR, Govt. of India. 2021–2024.</p> <p>Title: Evaluation of chemopreventive potential of Syn against oral carcinogenesis - An in vitro and in vivo approach, ICMR, Govt. of India. 2022–2025</p> <p>Title: Protective effect of Sal against drug resistance oral carcinogenesis - An <i>in vitro</i> and <i>in vivo</i> approach, ICMR, Govt. of India. 2022–2025</p>
21.	Peer recognized International and National awards / Fellowships	<p>1. SRF: Title: Protective effect of Gramin against 7, 12-dimethylbenz(a)anthracene (DMBA) induced Hamster buccal pouch carcinogenesis. Indian Council of Medical Research (ICMR) Govt of India Ref.45/26/2012/PHA-BMS.</p> <p>2. SRF: Title: Evaluation of chemopreventive potential of Diosmin on DMBA induced oral carcinogenesis - An in vitro and in vivo approach Indian Council of Medical Research (ICMR) Govt of India Ref.59\50\2011\BMS\TRM</p>

\* Pls. add additional sheets wherever necessary

**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders/ Developing training material for various courses	-
2.	Assisting in organizing training for users/stakeholders	-
3.	Conducting diploma/PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	-
4.	Organizing International Workshop/Seminar for Institution as convener/ Organizing	One day National Workshop: National Workshop



	Secretary	<p>on "Sustainable Agriculture Practices: The Biodynamic Approach, Agriculture Seminar Hall, PRIST Deemed University, Vallam, Thanjavur, June 12, 2024</p> <p>One day National Workshop: National Workshop on "Organize Bee Culture Training, Agriculture Seminar Hall, PRIST Deemed University, Vallam, Thanjavur, 10th July 2024</p> <p>One day National Workshop: National Workshop on "Dairy Animal identification and Health Management Tools, Agriculture Seminar Hall, PRIST Deemed University, Vallam, Thanjavur, 19th July 2024.</p> <p>One day National Workshop: National Workshop on "Enhancing Soil Fertility using Organic and Alternative Methods, Agriculture Seminar Hall, PRIST Deemed University, Vallam, Thanjavur, 26th July 2024.</p> <p>One day National Workshop: National Workshop on "One-day training program on natural farming: Enhancing soil health and crop yield, Agriculture Seminar Hall, PRIST Deemed University, Vallam, Thanjavur, 02nd August 2024.</p> <p>One day National Workshop: National Workshop on "Cutting-Edge Techniques in Biofertilizer (Soil Probiotics) for Greener Agriculture, Agriculture Seminar Hall, PRIST Deemed University, Vallam, Thanjavur, 09th August 2024</p> <p>One day National Workshop: National Workshop on "On Managing Feed Costs and Production Efficiency in Poultry Farming, Agriculture Seminar Hall, PRIST Deemed University, Vallam, Thanjavur, 29th August 2024.</p>
5.	Organizing National/International Workshop/Seminar for PRIST as committee member	<p>National Conference: National Conference on "Bioactive Compounds from Marine Organisms(NCBCMO-2023), Silver Jubilee Block, Research and Development Cell (RDC), PRIST Deemed University, Vallam, Thanjavur, Oct 13, 2023.</p> <p>One day National Seminar: National Seminar on "National Conference on Multidisciplinary Research (NCOMR-2022), Silver Jubilee Block, Centre for Research and Development (CRD), PRIST Deemed University, Vallam, Thanjavur, Aug 11, 2022.</p> <p>Two day National Seminar: National Seminar on "Molecular Basis of Cancer and Prevention(MBCP-2020), Silver Jubilee Block, Centre for Research and Development (CRD), PRIST Deemed University, Vallam, Thanjavur, Feb 18-19, 2020.</p> <p>Social Events: National Science &amp; Mathematics day With Mega Science Expo 2019: act as a Organizing Secretary funding supported by Tamil Nadu State Council Science and Technology(TNSCST), Chennai, India, January 8-10, 2019.</p>
6.	Teaching input in PRIST Deemed to be University	Pls. furnish information in the format as found in page 6.
7	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	



<p>8.</p>	<p>Technical services for identification / testing of various kind of samples/species</p>	<ul style="list-style-type: none"> <li>• Subculture and maintained cell lines</li> <li>• Primary culture and maintained</li> <li>• Cell thawing and cryopreservation</li> <li>• Determination of cell viability &amp; cytotoxicity by MTT-assay</li> <li>• Measurement of ROS, MMP,</li> <li>• Apoptotic morphological changes in fluorescent microscope using different probe staining</li> <li>• Single cell gel electrophoresis (Comet assay).</li> <li>• Docking</li> <li>• Active Site Prediction</li> <li>• Drug identification</li> <li>• Signaling</li> <li>• Niosome</li> <li>• LipoSome</li> <li>• Probe Sonication</li> <li>• Differential Light Scattering (DLS)</li> <li>• Scanning Electron Microscopy (SEM)</li> <li>• Fourier transform-infrared spectroscopy (FT-IR)</li> <li>• Thermogravimetry Analysis (TG)</li> <li>• Differential Thermal Analysis (DTA)</li> <li>• UV spectrophotometer study</li> <li>• DNA and RNA isolation</li> <li>• Western blot analysis</li> <li>• RT-PCR and qRT-PCR techniques</li> <li>• Immunoprecipitation</li> <li>• Hematoxylin and Eosin staining</li> <li>• Immunohistochemistry</li> <li>• Confocal and fluorescence microscopy handling</li> <li>• Mitochondrial isolation</li> <li>• Cytosolic and nuclear fractionation</li> <li>• Enzyme assays using ELISA Reader, Blood sugar, liver glycogen &amp; pancreatic <math>\beta</math>-cells determination.</li> <li>• Plant extraction and distillation</li> <li>• Fraction with column chromatography</li> <li>• Active compound identification in HPTLC &amp; TLC</li> <li>• Measurement of in vitro free radical scavenging assays</li> <li>• Small animal handling (rat and mice) and maintenance</li> <li>• Drug administration (subcutaneous, intraperitoneal injection and oral gavage)</li> <li>• Induction of oral carcinogenesis, skin cancer by chemical and UV radiation,</li> <li>• Animal scarification and dissection</li> </ul>
<p>9.</p>	<p>On site demonstration of technology to the users / Establishment of Demonstration plots / field trial</p>	<ul style="list-style-type: none"> <li>• Subculture and maintained cell lines</li> <li>• Primary culture and maintained</li> <li>• Cell thawing and cryopreservation</li> <li>• Determination of cell viability &amp; cytotoxicity by MTT-assay</li> <li>• Measurement of ROS, MMP,</li> <li>• Apoptotic morphological changes in fluorescent microscope using different probe staining</li> <li>• Single cell gel electrophoresis (Comet assay).</li> <li>• Docking</li> <li>• Active Site Prediction</li> <li>• Drug identification</li> <li>• Signaling</li> <li>• Niosome</li> <li>• LipoSome</li> </ul>

		<ul style="list-style-type: none"> <li>• Probe Sonication</li> <li>• Differential Light Scattering (DLS)</li> <li>• Scanning Electron Microscopy (SEM)</li> <li>• Fourier transform-infrared spectroscopy (FT-IR)</li> <li>• Thermogravimetry Analysis (TG)</li> <li>• Differential Thermal Analysis (DTA)</li> <li>• UV spectrophotometer study</li> <li>• DNA and RNA isolation</li> <li>• Western blot analysis</li> <li>• RT-PCR and qRT-PCR techniques</li> <li>• Immunoprecipitation</li> <li>• Hematoxylin and Eosin staining</li> <li>• Immunohistochemistry</li> <li>• Confocal and fluorescence microscopy handling</li> <li>• Mitochondrial isolation</li> <li>• Cytosolic and nuclear fractionation</li> <li>• Enzyme assays using ELISA Reader, Blood sugar, liver glycogen &amp; pancreatic <math>\beta</math>-cells determination,</li> <li>• Plant extraction and distillation</li> <li>• Fraction with column chromatography</li> <li>• Active compound identification in HPTLC &amp; TLC</li> <li>• Measurement of-in vitro free radical scavenging assays</li> <li>• Small animal handling (rat and mice) and maintenance</li> <li>• Drug administration (subcutaneous, intraperitoneal injection and oral gavage)</li> <li>• Induction of oral carcinogenesis, skin cancer by chemical and UV radiation,</li> <li>• Animal scarification and dissection</li> </ul>
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	
11.	Completion of projects assigned by various funding agencies	<ol style="list-style-type: none"> <li>1. Title: Chemopreventive potential of Reserpine on 7,12-dimethyl benz(a)anthracene induced hamster buccal carcinogenesis. Indian Council of Medical Research (ICMR) Govt. of India; Ref.45/43/2018-PHA/BMS/OL.</li> <li>2. Title: Protective effect of Gramine against 7,12-dimethyl benz(a)anthracene (DMBA) induced Hamster buccal pouch carcinogenesis. Indian Council of Medical Research (ICMR) Govt. of India; Ref.45/26/2012/PHA-BMS.</li> <li>3. Title: Evaluation of chemopreventive potential of Diosmin on DMBA induced oral carcinogenesis – An in vitro and in vivo approach Indian Council of Medical Research (ICMR) Govt. of India; Ref.59\50\2011\BMS\TRM</li> </ol>

\* Pls. add additional sheets wherever necessary

<b>II – C: Institutional Research Management Component</b>
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Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	-
2.	Organizing technical meetings related to the research management	-
3.	Bringing out Proceedings of meetings related to research Management	-
4.	Development & implementation Research Information Management through E-governance	-
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	-
6.	Execution/completion of consultancy project	-
7.	Technical and Advisory Services to other agencies including International	-
8.	Extension Services rendered using Research output	-

\* Pls. add additional sheets wherever necessary

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Main Campus



	award of consultancy projects	-
6.	Execution/completion of consultancy project	-
7.	Technical and Advisory Services to other agencies including International	-
8.	Extension Services rendered using Research output	-

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Main Campus

SCHOOL/DEPT: Biotechnology

NAME OF THE FACULTY: Dr. R.Arun Kumar

TEST No./ END SEM EXAM (Month/Yr) \*:

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	20217SEC42 – Bioinstrumentation	17	15	2	-	-	-
2	22217SEC23 – Industrial Biotechnology	46	30	15	1	-	-
3	22217SEC24L – Molecular Biology & Industrial Biotechnology	46	42	4	-	-	-

  
Dept. Exam i/c

  
HoD

Head of the Department  
Department of Biotechnology  
School of Arts & Science  
Prist Deemed to be University, Thanjavur.



Dean  
Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

\* Pls. add additional sheets if necessary

**Book chapter published:**

1. Dr. R. Arunkumar, 2023 Biodiversity and its conservation, Book chapter: Threats to biodiversity habitat loss, poaching of wildlife, man-wildlife conflicts, ISBN:978-93-6255-879-4, , Publisher, PRIST, Thanjavur, Tamil Nadu.
2. Dr. R. Arunkumari, 2023. Ecosystem, An Analysis of the Increase in Irrigated Area Under Groundwater, ISBN: 978-93-6255-577-9, , Publisher, PRIST, Thanjavur, Tamil Nadu.
3. Dr. R. Arunkumar, 2022. Book; Plasmid, ISBN: 978-93-6255-334-8 , Publisher, PRIST, Thanjavur, Tamil Nadu.

**Other activities:**

In biotechnology education, innovative teaching methodologies are being adopted to enhance student engagement and deepen understanding of complex concepts. One notable practice is the integration of experiential learning through hands-on lab work and research-based projects. This approach allows students to apply theoretical knowledge to real-world problems, fostering critical thinking and problem-solving skills. For instance, students might work on projects involving gene editing, bioprocess engineering, or environmental biotechnology, simulating professional research environments. Blended learning is another innovation, combining online and in-person instruction. It provides flexibility in learning and allows students to access a wide range of digital resources such as virtual lab simulations, tutorials, and online quizzes, enhancing self-paced learning. These digital platforms also enable collaborative projects, where students from different geographical locations can work together. Furthermore, the flipped classroom model is increasingly popular. In this model, students review lecture materials or recorded videos before class, and classroom time is devoted to interactive discussions, problem-solving sessions, and practical applications. This method encourages active learning and improves student participation. Lastly, the use of bioinformatics tools in coursework equips students with computational skills crucial for analyzing biological data, preparing them for careers in fields like genomics, proteomics, and systems biology.

**Part III – Summary of Self Evaluation**

**Strengths of the faculty**



The strengths of a faculty play a critical role in fostering a robust learning environment and shaping student success. One key strength is subject-matter expertise. Faculty members who possess in-depth knowledge and a strong foundation in their fields can deliver comprehensive, up-to-date content, providing students with the skills needed to excel in both academic and professional settings. Additionally, faculty who engage in continuous research stay current with advancements, ensuring that students benefit from cutting-edge information.

Another important strength is effective communication. Faculty members who can convey complex ideas in a clear and engaging manner enhance student understanding. They also foster an environment that encourages open dialogue, critical thinking, and curiosity.

Mentorship and guidance are also crucial strengths. Faculty who are approachable and supportive create meaningful relationships with students, guiding them not only through academic challenges but also career planning and professional development.

Moreover, adaptability is an essential quality. Faculty who embrace new teaching technologies and methodologies, such as blended learning or experiential projects, provide dynamic learning experiences that resonate with diverse learning styles.

Finally, collaborative spirit and commitment to interdisciplinary approaches enable faculty to work across different fields, enhancing the educational experience and preparing students for real-world challenges.

### Challenges before the faculty

Pursuing a Ph.D. presents unique challenges for teaching faculty, who must balance their academic responsibilities with their research pursuits. One of the primary difficulties is time management. Faculty members often have a full schedule of lectures, student mentoring, and administrative duties, leaving limited time for research and dissertation work. This can prolong the completion of their Ph.D. and affect the quality of both their teaching and research output.

Another significant challenge is access to research resources. Faculty working in institutions with limited funding or research infrastructure may struggle to obtain the necessary materials, equipment, or data for their Ph.D. research. This can slow down progress and restrict the scope of their research.

Additionally, maintaining motivation and focus can be difficult, especially when juggling multiple roles. The long and often solitary process of conducting Ph.D. research, combined with the immediate demands of teaching and mentoring, can lead to burnout or decreased productivity.

Faculty members pursuing a Ph.D. also face pressure to publish. In addition to working on their dissertation, they are expected to produce academic papers and contribute to their field, which adds another layer of stress. Balancing these demands while striving for excellence in both teaching and research is a major challenge for faculty pursuing doctoral studies.

Date: 24.05.2023

Page 22 of 23



Signature of Faculty



Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

Good.

For 

Signature of HoD with name/date  
Head of the Department  
Department of Biotechnology  
School of Arts & Science  
PRIST Deemed to be University, Thanjavur.

Remarks of the Dean

- Good -



Signature of Dean with name/date

(DR. L. CHINNAPPA)

Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean

  
24/05/23

Signature of the faculty with name/date

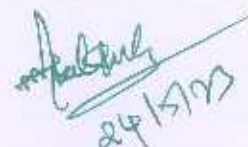
Forwarded to the Registrar



Signature of Registrar with name/date

(DR. L. CHINNAPPA)

Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

  
24/05/23



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY

# PRIST DEEMED UNIVERSITY

Vallam, Thanjavur.

## Self-Appraisal Report

(For the period from 2022 to 2023 )

Part I: Personal Data	
Name of the Faculty Member	Dr. R. Gunasekaran Male
Date of Birth	10.02.1968
Assessment period	From ( 2022 to 2023 )
Designation & Date of joining PRIST	Assistant Professor & 29.05.2009
Date of appointment to current designation	04-04-2022 Dean School of Education
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	M.Sc., M.Ed., M. Phil., Ph.D.,
Details of leave availed during the assessment period	5 days

**Part II: SELF ASSESSMENT**

**II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	---
2.	Technology developed and duly recognized by Competent Authority	---
3.	Technology upgradation and duly recognized by Competent Authority	---
4.	Book / Monograph Published	1. Pedagogy of Biological Science - Part – III ISBN: 978-93-6255-251-8 Year: 26/04/2022 2. Environmental Education ISBN: 978-93-6255-794-0 Year: 25/12/2022
5.	Peer reviewed paper (international)**	---
6.	Peer reviewed Report (International)	---
7.	Peer reviewed paper (National)	---
8.	Peer reviewed Report (National)	---
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	---
10.	Participation in International Seminar as key presenter / key-note speaker	---
11.	International Seminar / Workshop Paper Presentation	---

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.



12.	International Seminar / Workshop Poster Presentation	---
13.	Participation in National Seminar as key presenter / keynote speaker	Faculty Development Program on Leadership Skills-Beginners. Five days from 30.01.2022 to 04.02.2022. MASS college of Education, Kumbakonam, Thanjavur.
14.	National Seminar / Workshop / Paper Presentation	Two day National level workshop on "Research Tool Construction and Pilot Study" held on 20-21 May 2022 at Annai College of Education, Kumbakonam, thanjavur.
15.	National Seminar / Workshop Poster Presentation	One-day National Level Workshop on "Research Tools construction and pilot study" Stella Matutina College of Education, Kamaraj Salai, Ashok Nagar, Chennai. On 06-10-2022
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	As Guide, three students course work is completed, three students first DC is Completed and two students fifth DC is completed.
17.	M.Phil / M.Tech Dissertation supervision done	---
18.	Other Dissertation / Supervision done	---
19.	International funded project formulation including its approval by funding agencies	---
20.	National funded project formulation and its approval by funding agency	---
21.	Peer recognized International and National awards / Fellowships	---

\* Pls. add additional sheets wherever necessary

**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	---
2.	Assisting in organizing training for users/stakeholders	---
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	---
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	---
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	---
6.	Teaching input in PRIST Deemed to be University	Pls. furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	<ol style="list-style-type: none"> <li>1. Govt. Boys Higher Secondary School, Orathanadu, Thanjavur.</li> <li>2. Govt. Girls Higher Secondary School, Orathanadu, Thanjavur.</li> <li>3. Srinivasa Matric Higher Secondary School, Orathanadu, Thanjavur.</li> </ol>
8.	Technical services for identification / testing of various kind of samples/species	---
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	---
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	---
11.	Completion of projects assigned by various funding agencies	---

\* Pls. add additional sheets wherever necessary

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	---
2.	Organizing technical meetings related to the research management	---
3.	Bringing out Proceedings of meetings related to research Management	---
4.	Development & implementation Research Information Management through E-governance	---
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	---
6.	Execution/completion of consultancy project	---
7.	Technical and Advisory Services to other agencies including International	---
8.	Extension Services rendered using Research output	---

\* Pls. add additional sheets wherever necessary

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Thanjavur

SCHOOL/DEPT: School of Education

NAME OF THE FACULTY: Dr. R. Gunasekaran

TEST No. / END SEM.EXAM (Month/Yr) \*: June 2022



S.No	Code/Courses/Class Handled B.Ed., BATCH:2020 -22 II – YEAR IV – SEMESTER	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	Course: Critical Understanding of ICT Code:19130EP45A	82	60	22	-	-	-

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Thanjavur

SCHOOL/DEPT: School of Education

NAME OF THE FACULTY: Dr. R. Gunasekaran

TEST No. / END SEM.EXAM (Month/Yr) \*: June 2022

S.No	Code/Courses/Class Handled B.Ed., BATCH:2021 -23 I – YEAR II – SEMESTER	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
2	Course: Environmental Education Code: 19130EP26A	85	65	20	-	-	-

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Thanjavur

SCHOOL/DEPT: School of Education

NAME OF THE FACULTY: Dr. R. Gunasekaran

TEST No. / END SEM.EXAM (Month/Yr) \*: June 2022

S.No	No. of students scored (marks)				
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	Code/Courses/Class Handled M.Ed., BATCH: 2020 - 22 II - YEAR IV - SEMESTER	Total Class Strength	100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	Course: Guidance and Counselling Code: 19230SC46A	40	30	10	-	-	-

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Thanjavur

SCHOOL/DEPT: School of Education

NAME OF THE FACULTY: Dr. R. Gunasekarar

TEST No. / END SEM.EXAM (Month/Yr) \*: June 2022

S.No	Code/Courses/Class Handled M.Ed., BATCH: 2021 - 23 I - YEAR II - SEMESTER	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	Course: Advanced Educational Technology Code: 19230SC26A	42	30	12	-	-	-

  
Dept.Exam i/c

  
HoD

  
Dean

**HOD,**  
School of Education  
PRIST Deemed to be University  
THANJAVUR - 613 403.

**DEAN,**  
School of Education  
PRIST Deemed to be University  
THANJAVUR - 613 403.

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

1. **Visualization:** Bring dull academic concepts to life with visual and practical learning experiences helping our students how their schooling applies in real world.
2. **Cooperative learning, 3. Inquiry-based instruction, 4. Differentiation, 5. Teaching in the classroom, 6. Behaviour Management. 7. Professional development.**
3. **Innovative Method of teaching strategies:** That will help every teacher in the classroom.
  1. Cross over teaching,
  2. Teaching through Smart – Boards,
  3. Teaching through Flipping classrooms
  4. Teaching through Collaboration
  5. Teaching through Virtual Reality

### Part III – Summary of Self Evaluation

#### Strengths of the faculty

##### STRENGTH

- Technical Skills
- Creativity
- Empathy or kindness
- Organization
- Discipline
- Fairness
- Persistence
- Collaboration
- Patience

#### Challenges before the faculty

- Lack of time for planning
- Discipline students
- Improving learning outcomes
- Classroom management

Date: 31-05-2023

  
Signature of Faculty



Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

Improving the performance everyday

T. S. Subramanian  
Signature of HoD with name/date  
T. S. SUBRAMANIAN

HOD,  
School of Education  
PRIST Deemed to be University  
THANJAVUR - 613 403.

Remarks of the Dean

Concentrate more on research and consultancy activities

R. Jayaraman  
Signature of Dean with name/date  
31/05/2023

DEAN,  
School of Education  
PRIST Deemed to be University  
THANJAVUR - 613 403.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean.

R. Gunasekaran  
Signature of the faculty with name/date  
Dr. R. Gunasekaran

Forwarded to the Registrar

R. Jayaraman  
Signature of Dean with name/date  
31/05/2023  
DEAN,

School of Education  
PRIST Deemed to be University  
THANJAVUR - 613 403.

Registrar,  
Ponnaiyah Ramalingam Institute of  
Science & Technology (PRIST)  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956).  
THANJAVUR - 613 403, TAMIL NADU.



**PRIST**  
DEEMED TO BE  
**UNIVERSITY**  
NAAC ACCREDITED  
THANJAVUR- 613 403 - TAMIL NADU

## Self Appraisal Report

(For the period from 2022 to 2023 )

Part I: Personal Data	
Name of the Faculty Member	Dr. R. SATHYA (Female)
Date of Birth	01.12.1984
Assessment period	from <u>2022</u> to <u>2023</u> )
Designation & Date of joining PRIST	Assistant Professor & 24. 01.2019
Date of appointment to current designation	24. 01.2019
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D
Details of leave availed during the assessment period	

**Part II: SELF ASSESSMENT**

**II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	NIL
2.	Technology developed and duly recognized by Competent Authority	NIL
3.	Technology upgradation and duly recognized by Competent Authority	NIL
4.	Book / Monograph Published	NIL
5.	Peer reviewed paper (international)**	<p>1. K Sathishkumar, K Sowmiya, L Arul Pragasam, RajagopalRajakrishnan, RengasamySathya, S Ragupathy, M Krishnakumar, Vasudeva Reddy Minnam Reddy, (2022). Enhanced photocatalytic degradation of organic pollutants by Ag-TiO<sub>2</sub> loaded cassava stem activated carbon under sunlight irradiation, Chemosphere, Volume 302, 134844 (Impact factor 7.086).<a href="https://doi.org/10.1016/j.chemosphere.2022.134844">https://doi.org/10.1016/j.chemosphere.2022.134844</a> Elsevier</p> <p>2. H Joy Prabu, Rintu Varghese, I Johnson, S John Sundaram, A Dhayal Raj, RajakrishnanRajagopal, PalaniselvamKuppusamy, RengasamySathya, K Kaviyarasu, Laser induced plant leaf extract mediated synthesis of CuO nanoparticles and its photocatalytic activity, Environmental Research, Volume 212, Part B, September 2022, 113295 (Impact factor: 8.431).<a href="https://doi.org/10.1016/j.envres.2022.113295">https://doi.org/10.1016/j.envres.2022.113295</a> Elsevier</p> <p>3. R Rajagopal, P Kuppusamy, RengasamySathya, P Nandhakumari Asha D V Betsy G.D. Biji, 2022, Antifungal phytochemicals</p>



		<p>from the methanol and aqueous extract of <i>Acacia concinna</i> and <i>Lantana camara</i> and synergistic biological control of the <i>Hibiscus mealybug</i> (<i>Maconellicoccus hirsutus</i>), <b>Physiological and Molecular Plant Pathology</b> 119 (2022) 101813. <a href="https://doi.org/10.1016/j.pmpp.2022.101813">https://doi.org/10.1016/j.pmpp.2022.101813</a>, <b>Impact+ Site score- 2.747.</b></p> <p>4. S. Kanimozhi, R. Durga, M. Sabithasree, A. Vimal Kumar, A. Sofiavizhimalar, Avinash Ashok Kadam c, R Rajagopal, R Sathya, Nurlzyan Wan Azelee, Biogenic synthesis of silver nanoparticle using <i>Cissus quadrangularis</i> extract and its invitro study, <i>Journal of King Saud University – Science</i> 34 (2022) 101930. (Impact factor: 4.011), <a href="https://doi.org/10.1016/j.jksus.2022.101930">https://doi.org/10.1016/j.jksus.2022.101930</a> Elsevier</p> <p>5. Sathish Kumar Karuppanan, Jayandra Bushion, Raghavendra Ramalingam, Subhashini Swaminathan, Kantha Deivi Arunachalam, Avinash Ashok Kadam, R Rajagopal, Rengasamy Sathya, Sasikala Chinnappan, Fabrication, characterization and in vitro evaluation of <i>Meliadubia</i> extract infused nanofibers for wound dressing, <i>Journal of King Saud University – Science</i> 34 (2022) 101931. <a href="https://doi.org/10.1016/j.jksus.2022.101931">https://doi.org/10.1016/j.jksus.2022.101931</a> Impact factor - 4.011. Elsevier</p> <p>6. Sherin John Joseph, Shanmugapriya Shanmugasundaram, Mohammed Junaid Hussain Dowlath, Kantha Deivi Arunachalam, P. Balakrishna Murthy, Avinash Ashok Kadam, R. Rajakrishnan, Rengasamy Sathya, Sasikala Chinnappan, Protective effect of <i>Gymnema sylvestre</i> leaf extract against uranium toxicity in human peripheral blood mononuclear cells, <i>Journal of King Saud University – Science</i> 34 (2022) 101895, Impact factor - 4.011. DOI:10.1016/j.jksus.2022.101895, Elsevier</p>
6.	Peer reviewed Report (International)	NIL
7.	Peer reviewed paper (National)	NIL

8.	Peer reviewed Report (National)	NIL
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	NIL
10.	Participation in International Seminar as key presenter / key-note speaker	NIL
11.	International Seminar / Workshop Paper Presentation	NIL
12.	International Seminar / Workshop Poster Presentation	NIL
13.	Participation in National Seminar as key presenter / keynote speaker	NIL
14.	National Seminar / Workshop / Paper Presentation	<ol style="list-style-type: none"> <li>1. 2023- Presented a paper on "Vision on Lactic acid bacteria as natural additives for silage fabrication" International conference on current trends in medicinal chemistry held at 24-25th Jan Saveetha University, Chennai.</li> <li>2. 2023- Presented a paper on "Current scenario of biological wastewater treatment with new technologies and future awareness" 13th NABS-National Conference on Current Perspectives for Sustainable Development in Life Sciences, Environment and Agriculture held at 23-25th Jan PERIYAR UNIVERSITY, Salem, Tamil nadu.</li> <li>3. 2023- presented a paper on Global status and recent development of Biobetter L-Asparaginase "International Conference on Converging Research Approaches in Life Science for Future Advancement" on 15th Feb 2023 at S.T. E.T Women's College Mannargudi.</li> <li>4. 2022: DST and SERB sponsored National conference on Recent Advances in Structural Biology held on 4<sup>th</sup> and 5<sup>th</sup> November, 2022 at National Colleges (Autonomous),</li> </ol>

		<p>Trichy2020- National Seminar on Molecular Basis of cancer and prevention held at 18&amp;19<sup>th</sup> Feb PRIST University, Thanjavur.</p> <p>5. National workshop on Polymerase chain Reaction sponsored by SERB-SRG participated on 28<sup>th</sup> October,2022 at NIFTIM-T, Thanjavur</p>
15.	National Seminar / Workshop Poster Presentation	NIL
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	✓ Currently 2 Ph.D. scholar doing research under my supervision.
17.	M.Phil / M.Tech Dissertation supervision done	NIL
18.	Other Dissertation / Supervision done	Ug and Pg dissertation
19.	International funded project formulation including its approval by funding agencies	NIL
20.	National funded project formulation and its approval by funding agency	Preparing proposal
21.	Peer recognized International and National awards / Fellowships	NIL



**H-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	NIL
2.	Assisting in organizing training for users/stakeholders	
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Diploma course in Agricultural Technology
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	NIL
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	NIL
6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	
8.	Technical services for identification / testing of various kind of samples/species	Specialization: Streptomyces species identification
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	Sample collection for field trail on microbial screening
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Brochures, Newsletter (Criteria I)
11.	Completion of projects assigned by various funding agencies.	

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	NIL
2.	Organizing technical meetings related to the research management	NIL
3.	Bringing out Proceedings of meetings related to research Management	NIL
4.	Development & implementation Research Information Management through E-governance	NIL
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	NIL
6.	Execution/completion of consultancy project	NIL
7.	Technical and Advisory Services to other agencies including International	NIL
8.	Extension Services rendered using Research output	NIL

## RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\*

CAMPUS: PRIST UNIVERSITY, THANJAVUR

SCHOOL/DEPT: ARTS & SCIENCE/ MICROBIOLOGY

NAME OF THE FACULTY: Dr.R.SATHYA

TEST No./ END SEM.EXAM (Month/Yr) \*: Dec 2022

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1.	19116AEC33 Immunology	50	31	15	4	-	-
2.	19116AEC35L Immunology lab	50	46	4	-	-	-
3.	19116AEC45 Bioinformatics	50	45	5	-	-	-
4.	19116AEC46L Bioinformatics Lab	50	44	6	-	-	-
5.	19116AEC53 Environmental Microbiology	21	18	3	-	-	-
6.	19116AEC55L Environmental Microbiology Lab	21	17	3	-	-	-

Dept.Exam i/c

  
HoD

  
Dean

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

**Head of the Department**  
Department of Microbiology  
School of Arts & Science  
Prist University, Thanjavur.

**Dean of Arts & Science**  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamil Nadu



Any innovation/best practice followed in teaching methodology can be described below:

\* Pls. add additional sheets if necessary

Teaching through Smart Boards. ...

Teaching through ICT Classrooms. ...

Teaching through online

Teaching Group interaction

### Part III – Summary of Self Evaluation

Strengths of the faculty

I trust that my services and my ability to work in a team have been valuable during this period.

Motivation.

Problem-solving.

Decision-making skills.

Working under pressure.

Communication.

Adaptability.

I persistently **evaluate** my recital as a **teacher**. This enables me to improve, modify, and revolution my instruction to meet the needs of my students throughout the year.

### Challenges before the faculty

Knowing their students well.

Understanding the different learning abilities and capacities of the students.

Motivating and encouraging them when the students underperform and have to deal with parental and peer pressure.

Building an effective communication channel between the Management-Parents- Students.

Date: 28/3/23

  
Signature of Faculty  
(Dr. R.Sathya)

Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

Good, Performer, in research field  
Scientific talk and presentation.

A. Bakur - 28/3/23  
(Dr. A. Bakurudheen Ali Ahmad)  
Signature of HoD with name/date  
Department of Microbiology  
School of Arts & Science  
Prist Deemed to be University, Thanjavur.

Remarks of the Dean

— Good —

Summary / 28/3/23

Signature of Dean with name/date  
(Dr. L. CHINNAPPA)  
Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 003, Tamil Nadu.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean.

A. Bakur - 28/3/23

Signature of the faculty with name/date  
(Dr. A. Bakurudheen Ali Ahmad)  
Head of the Department  
Department of Microbiology  
School of Arts & Science  
Prist Deemed to be University, Thanjavur.

Forwarded to the Registrar

Summary / 28/3/23  
Signature of Dean with name/date  
(Dr. L. CHINNAPPA)

Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 003, Tamil Nadu.  
Page 8 of 8

REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act. 1956),  
THANJAVUR - 613 002, TAMIL NADU.





## Self Appraisal Report

(For the period from June 2022 to May 2023)

Part I: Personal Data	
Name of the Faculty Member	Mrs. K. SUGANTHI
Date of Birth	13-02-1982
Assessment period	From <u>June 2022</u> to <u>May 2023</u>
Designation & Date of joining PRIST	10-03-2022 Associate professor
Date of appointment to current designation	Associate professor
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	M.E
Details of leave availed during the assessment period	7 days

**Part II: SELF ASSESSMENT****II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	Nil
2.	Technology developed and duly recognized by Competent Authority	Nil
3.	Technology upgradation and duly recognized by Competent Authority	Nil
4.	Book / Monograph Published	Nil
5.	Peer reviewed paper (international)**	Nil
6.	Peer reviewed Report (International)	Nil
7.	Peer reviewed paper (National)	Nil
8.	Peer reviewed Report (National)	Nil
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	Nil
10.	Participation in International Seminar as key presenter / key note speaker	Nil
11.	International Seminar / Workshop Paper Presentation	Nil

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	Nil
13.	Participation in National Seminar as key presenter / keynote speaker	Nil
14.	National Seminar / Workshop / Paper Presentation	Nil
15.	National Seminar / Workshop Poster Presentation	Nil
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	Nil
17.	M.Phil / M.Tech Dissertation supervision done	Yes
18.	Other Dissertation / Supervision done	Yes
19.	International funded project formulation including its approval by funding agencies	Nil
20.	National funded project formulation and its approval by funding agency	Nil
21.	Peer recognized International and National awards / Fellowships	Nil

\* Pls. add additional sheets wherever necessary



**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	-
2.	Assisting in organizing training for users/stakeholders	-
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Handled class for B-Tech Students (Diploma course)
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	-
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	-
6.	Teaching input in PRIST Deemed to be University	Pls. furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	1. VLS Solutions, Chennai 2. Platifi, Bangalore
8.	Technical services for identification / testing of various kind of samples/species	-
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	-
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	-
11.	Completion of projects assigned by various funding agencies	-

\* Pls. add additional sheets wherever necessary

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	—
2.	Organizing technical meetings related to the research management	—
3.	Bringing out Proceedings of meetings related to research Management	—
4.	Development & implementation Research Information Management through E-governance	—
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	—
6.	Execution/completion of consultancy project	—
7.	Technical and Advisory Services to other agencies including International	—
8.	Extension Services rendered using Research output	—

**\* Pls. add additional sheets wherever necessary**

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Main Campus

SCHOOL/DEPT: *Engineering & Technology*

NAME OF THE FACULTY: *Mrs. K. Suganthi*

TEST No./ END SEM.EXAM (Month/Yr) \*:

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	<i>221AIDS26</i>	<i>55</i>	<i>20</i>	<i>15</i>	<i>14</i>	<i>6</i>	<i>-</i>
2	<i>221AIDL28</i>	<i>55</i>	<i>55</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>

*T.K. Chand*  
Dept.Exam i/c

*Suganthi*  
HOD *31/5/23*

*Suganthi*  
Dean *31/5/23*

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

\* Pls. add additional sheets if necessary

Nil



Part III – Summary of Self Evaluation

Strengths of the faculty

- \* Self Confidence
- \* Leadership
- \* Creativity

Challenges before the faculty


- \* Ability to handle slow learners

Date: 31-5-2023

  
Signature of Faculty

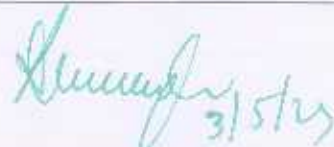
Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:



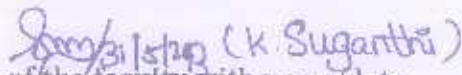
  
 Head of Dept. / Signature of HOD with name/date  
 Department of Science  
 (and Engg) / (K. Suganthi)  
 Ponnaiyah Rama / Ponnaiyah Ramajayam Institute of  
 Science & Tech / Science & Technology (PRIST)  
 (Institution Deemed / (Institution Deemed to be University  
 to be of the UG / U/s 3 of the UGC Act, 1956)  
 Act, 1956) / THANJAVUR - 613 403, TAMIL NADU.

**Remarks of the Dean**

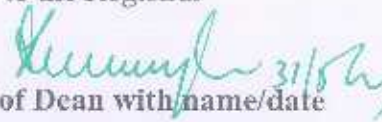
  
 Concentrate on publications and  
 research activities

  
 Signature of Dean with name/date  
 School of Engineering and Tech.  
 Ponnaiyah Ramajayam Institute of  
 Science and Technology (PRIST)  
 Deemed to be University  
 Vallam, Thanjavur - 613 403.

I have read and I agree with the aforesaid 'Remarks' by my HOD and the Dean.

  
 Signature of the faculty with name/date  
 (K. Suganthi)

Forwarded to the Registrar

  
 Signature of Dean with name/date  
 DEAN  
 School of Engineering and Tech.  
 Ponnaiyah Ramajayam Institute of  
 Science and Technology (PRIST)  
 Deemed to be University  
 Vallam, Thanjavur - 613 403.

  
 REGISTRAR,  
 Ponnaiyah Ramajayam Institute of  
 Science & Technology (PRIST),  
 (Institution Deemed to be University  
 U/s 3 of the UGC Act, 1956).  
 THANJAVUR - 613 403, TAMIL NADU.



## Self Appraisal Report

(For the period from June 2022 to May 2023)

Part I: Personal Data	
Name of the Faculty Member	Dr.R.LATHA
Date of Birth	14.07.1964
Assessment period	From ( <u>June 2022</u> to <u>May 2023</u> )
Designation & Date of joining PRIST	Associate Professor & 26.05.2018
Date of appointment to current designation	Associate Professor
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D
Details of leave availed during the assessment period	3 casual leave



<b>Part II: SELF ASSESSMENT</b>		
<b>II-A: Research Component*</b>		
Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	Nil
2.	Technology developed and duly recognized by Competent Authority	Nil
3.	Technology upgradation and duly recognized by Competent Authority	Nil
4.	Book / Monograph Published	Nil
5.	Peer reviewed paper (international)**	R.Latha,S.Jancy sickory Daisy,R.Rasika "Helmet Usage Analysis Using Deep Learning" International Journal of Modern Science and Technology, Volume 7,Issue 5-7,2022,Pages 24-29.
6.	Peer reviewed Report (International)	Nil
7.	Peer reviewed paper (National)	Nil
8.	Peer reviewed Report (National)	Nil
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	Editing of paper: 01(Diagnosis of Retinal Diseases on Bayesian Optimization Deep Learning Using Optical Coherence Tomography Images)
10.	Participation in International Seminar as key presenter / key-note speaker	Nil
11.	International Seminar / Workshop Paper Presentation	Nil

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	Nil
13.	Participation in National Seminar as key presenter / keynote speaker	Nil
14.	National Seminar / Workshop / Paper Presentation	Nil
15.	National Seminar / Workshop Poster Presentation	Nil
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	Nil
17.	M.Phil / M.Tech Dissertation supervision done	Yes
18.	Other Dissertation / Supervision done	Yes
19.	International funded project formulation including its approval by funding agencies	Nil
20.	National funded project formulation and its approval by funding agency	Nil
21.	Peer recognized International and National awards / Fellowships	Nil

\* Pls. add additional sheets wherever necessary

**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	Nil
2.	Assisting in organizing training for users/stakeholders	Assisted in organizing
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Handled class for Diploma in AIML courses for B.Tech students
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	Nil
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	As coordinator for one session in International webinar
6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	1. 7 Angle, Thanjavur. 2. AGB Infratel, Chennai.
8.	Technical services for identification / testing of various kind of samples/species	Nil
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	Nil
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Nil
11.	Completion of projects assigned by various funding agencies	Nil

**\* Pls. add additional sheets wherever necessary**



**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	Nil
2.	Organizing technical meetings related to the research management	Nil
3.	Bringing out Proceedings of meetings related to research Management	Nil
4.	Development & implementation Research Information Management through E-governance	Nil
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	Nil
6.	Execution/completion of consultancy project	Nil
7.	Technical and Advisory Services to other agencies including International	Nil
8.	Extension Services rendered using Research output	Nil

\* Pls. add additional sheets wherever necessary

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***


CAMPUS: Main Campus

SCHOOL/DEPT: E & T-CSE

NAME OF THE FACULTY: Dr.R.Latha

TEST No./ END SEM.EXAM (Month/Yr) \*: Dec 2022 & May 2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	Object oriented programming	58	30	-	15	3	10
2	Compiler Design	58	10	8	20	-	20
3	Information retrieval techniques	55	35	20	-	-	-
4	Operating system	58	30	10	8	-	10

  
Dept.Exam i/c

  
HoD

  
Dean 3/6/23

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

**\* Pls. add additional sheets if necessary**

- The classes has provided to students through power point presentation, video demonstration, flow chart, diagram with suitable reference books.
- The methodology of the classes should be focus on the prototype, product development of the concern field.
- The subject is correlation to the industry based products and job placement in the concern courses.

### **Part III – Summary of Self Evaluation**

#### **Strengths of the faculty**

1. Leadership Quality
2. Self confidence
3. Making collaboration with national and international researchers
4. Capable of motivating the students towards research activities

#### **Challenges before the faculty**

1. Able to handle slow learners
2. Include students in developing rules

**Date:** 31.05.2023

  
**Signature of Faculty**



Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

1. Develop academic activities
2. Concentrating on patent is also important.

Remarks of the Dean

Concentrate more on Consultancy activities

*Dr. R. Latha*  
Head of the Department  
Signature of HoD, Computer Science  
and Engineering  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956)  
THANJAVUR - 613 403, TAMIL NADU.

*31/5/22*  
Signature of Dean with name/date  
DEAN  
School of Engineering and Tech.  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST)  
Deemed to be University  
Vellam, Thanjavur-613 403.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean

*31/5/24*  
*(Dr. R. Latha)*  
Signature of the faculty with name/date

Forwarded to the Registrar

*31/5/24*  
Signature of Dean with name/date  
DEAN  
School of Engineering and Tech,  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST),  
Deemed to be University  
Vellam, Thanjavur-613 403.

Page 8 of 8

*31/5/24*  
REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956),  
THANJAVUR - 613 403, TAMIL NADU.

## Self Appraisal Report

(For the period from 2022 to 2023)

<b>Part I: Personal Data</b>		
Name of the Faculty Member	Dr.S.Dhanushkodi	
Date of Birth	21-05-1968	
Assessment period	From ( 2022 to 2023)	
Designation & Date of joining PRIST	Assistant Professor & 01/04/2008	
Date of appointment to current designation	04.04.2022	
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D	
Details of leave availed during the assessment period	12 days	
<b>Part II: SELF ASSESSMENT</b>		
<b>II-A: Research Component*</b>		
Sl. No.	Activity	Details
1.	Patent(s) / technology developed and	nil

	awaiting patenting	-
2.	Technology developed and duly recognized by Competent Authority	nil
3.	Technology upgradation and duly recognized by Competent Authority	nil
4.	Book / Monograph Published	25 (Book Chapters)
5.	Peer reviewed paper (international)**	The international Journal of analytical and Experimental modal analysis(UGC-CARE Approved Group Journal)
6.	Peer reviewed Report (International)	nil
7.	Peer reviewed paper (National)	nil
8.	Peer reviewed Report (National)	nil
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	nil
10.	Participation in International Seminar as key presenter / key-note speaker	nil
11.	International Seminar / Workshop Paper Presentation	nil

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	nil
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13.	Participation in National Seminar as key presenter / keynote speaker	nil
14.	National Seminar / Workshop / Paper Presentation	nil
15.	National Seminar / Workshop Poster Presentation	nil
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	nil
17.	M.Phil / M.Tech Dissertation supervision done	Nil
18.	Other Dissertation / Supervision done	B.Tech – 4 Batches M.tech – 2 batches
19.	International funded project formulation including its approval by funding agencies	nil
20.	National funded project formulation and its approval by funding agency	1.Optimized system of microbial fuel cell (MCF) intergrated microbial enzymatic cell (MEC) 2. Development of High-Strength, Lightweight Metal Composites Indira Metals
21.	Peer recognized International and National awards / Fellowships	nil

\* Pls. add additional sheets wherever necessary

**II-B – Extension and Education**

Sl.	Activity	Details
-----	----------	---------

No.		
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	Evershine technology
2.	Assisting in organizing training for users/stakeholders	nil
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	nil
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	nil
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	nil
6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	YES, ATR SOLAR MADURAI
8.	Technical services for identification / testing of various kind of samples/species	Drying of ginger and cucumber
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	nil
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	nil
11.	Completion of projects assigned by various funding agencies	nil

\* Pls. add additional sheets wherever necessary

## II – C: Institutional Research Management Component

Sl.	Activity	Details
-----	----------	---------

No.		
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	Design and development of dual chamber solar biomass hybrid dryer
2.	Organizing technical meetings related to the research management	nil
3.	Bringing out Proceedings of meetings related to research Management	nil
4.	Development & implementation Research Information Management through E-governance	nil
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	nil
6.	Execution/completion of consultancy project	Royal Marine impex
7.	Technical and Advisory Services to other agencies including International	nil
8.	Extension Services rendered using Research output	nil

\* Pls. add additional sheets wherever necessary

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***



CAMPUS:THANJAVUR

SCHOOL/DEPT: E&T/Mechanical Engg

NAME OF THE FACULTY: Dr.S.Dhanushkodi

TEST No./ END SEM.EXAM (Month/Yr) \*: CIA Test – Even 2022-23

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	19154C46 –Thermal Engineering - I	53	45	7	1	0	0

TEST No. / END SEM.EXAM (Month/Yr) \*: Pre Semester Exam - Even 2022-23

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	19154C46 –Thermal Engineering - I	53	40	10	3	0	0

TEST No. / END SEM.EXAM (Month/Yr) \*: END SEM.EXAM (Dec 2023)

S.No	Code/Courses/Class Handled	Total Class Stren-gth	No. of students scored (marks)				
			100 % ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	19154C46 –Thermal Engineering - I	53	30	12	8	3	0

  
Dept Exam i/c

  
HoD

  
Dean 8/7/23

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

\* Pls. add additional sheets if necessary

Faculty Industry Connect

### Part III – Summary of Self Evaluation

#### Strengths of the faculty

Good Knowledge in specialization subject like thermal areas  
Communication skill as satisfactory

Problem solving abilities  
Positive Approach  
Time Management

**Challenges before the faculty**

Disciplining Students  
Improving Learning Outcomes  
Class room management

Date: 8.7.2023

  
Signature of Faculty

**Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:**



Improving the performance everyday

Remarks of the Dean

Concentrate more on research and consultancy activities

  
Signature of HoD with name/date

Department of Mechanical Engineering  
Ponnaiyah Ramajayam Institute  
Science & Technology (PRIST)  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956)  
THANJAVUR - 613 403, TAMIL NADU

  
Signature of Dean with name/date

(R. Tamizhavelan)

DEAN

School of Engineering and Tech,  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur-613 403.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean.

  
Signature of the faculty with name/date


Forwarded to the Registrar

Signature of Dean with name/date

  
(R. Tamizhavelan)

DEAN

School of Engineering and Tech,  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur-613 403.

  
REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956),  
THANJAVUR-613 403, TAMIL NADU.



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY

**PRIST DEEMED UNIVERSITY**

Vallam, Thanjavur.

## Self Appraisal Report

(For the period from to) 2022 - 2023

Part I: Personal Data	
Name of the Faculty Member	D. Jeyakumar
Date of Birth	29/10/1977
Assessment period	From [ ] to [ ] June 2022 to May 2023
Designation & Date of joining PRIST	Assistant Professor & 14/6/2016
Date of appointment to current designation	14/6/2016.
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	M.Tech - Structural Engineering
Details of leave availed during the assessment period	7 Days

**Part II: SELF ASSESSMENT**

**II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	NIL
2.	Technology developed and duly recognized by Competent Authority	NIL
3.	Technology upgradation and duly recognized by Competent Authority	NIL
4.	Book / Monograph Published	Prefabricated Structures Hydrology & Water Resources Engineering Airports & Harbours Engineering
5.	Peer reviewed paper (international)**	NIL
6.	Peer reviewed Report (International)	NIL
7.	Peer reviewed paper (National)	NIL
8.	Peer reviewed Report (National)	NIL
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	NIL
10.	Participation in International Seminar as key presenter / key-note speaker	NIL
11.	International Seminar / Workshop Paper Presentation	Live workshop on Copyrights in India (Federal)

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.



12.	International Seminar / Workshop Poster Presentation	NIL
13.	Participation in National Seminar as key presenter / keynote speaker	NIL
14.	National Seminar / Workshop / Paper Presentation	FDP on ICT tools for Effective teaching & learning.
15.	National Seminar / Workshop Poster Presentation	NIL
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	NIL
17.	M.Phil / M.Tech Dissertation supervision done	NIL
18.	Other Dissertation / Supervision done	NIL
19.	International funded project formulation including its approval by funding agencies	NIL
20.	National funded project formulation and its approval by funding agency	NIL
21.	Peer recognized International and National awards / Fellowships	NIL

\* Pls. add additional sheets wherever necessary

**II-B - Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakcholders/ Developing training material for various courses	NIL
2.	Assisting in organizing training for users/stakeholders	NIL
3.	Conducting diploma/PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	NIL
4.	Organizing International Workshop/Seminar for Institution as convener/ Organizing Secretary	One day Workshop on "Project work selection Documentation & Publication"
5.	Organizing National/International Workshop/Seminar for PRIST as committee member	NIL
6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	1) Dalmia Cement factory, Ariyalur 2) Shankar cement factory, Pennadam
8.	Technical services for identification / testing of various kind of samples/species	Department Consultancy service 1) Concrete compressive strength testing
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	NIL
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Prepared for Department Brochure & Department Placement Brochure
11.	Completion of projects assigned by various funding agencies	NIL

\* Pls. add additional sheets wherever necessary

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	NIL
2.	Organizing technical meetings related to the research management	NIL
3.	Bringing out Proceedings of meetings related to research Management	NIL
4.	Development & implementation Research Information Management through E-governance	NIL
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	NIL
6.	Execution/completion of consultancy project	NIL
7.	Technical and Advisory Services to other agencies including International	NIL
8.	Extension Services rendered using Research output	NIL

\* Pls. add additional sheets wherever necessary



RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\*

CAMPUS: Main Campus

SCHOOL/DEPT: Engineering & Technology /civil

NAME OF THE FACULTY: D.Jeyakumar

TEST No./ END SEM.EXAM (Month/Yr)\*: January 2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% < 80%	79% ≤ 60%	59% < 50%	49% ≤ 35%	34% ≤ 0
1	19155CF1 - Estimation, Costing & Valuation Engineering	55	10	15	15	14	1
2	Water Supply Engineering-20155CG3	55	10	14	15	15	1

Dept. Exam i/c

HOD

Dean

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

\* Pfs. add additional sheets if necessary

Nil

Part III - Summary of Self Evaluation

Strengths of the faculty

- 1) Good communication & Social Skills
- 2) More Responsibility of their works
- 3) Patience
- 4) Good creativity & Innovative thinking

Challenges before the faculty

- 1) Knowing their Students well
- 2) Understanding the different learning abilities & capacities of the students
- 3) Motivating & Encouraging to our Students
- 4) Effective communication channel between Students & Parents.

Date: 31/5/2023

  
Signature of Faculty

Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

APPRECIATE for his work and involvement  
in teaching and extra-curricular  
activities.

  
Signature of HoD with name/date

C.R. DEVI

Head of the Department  
Department of Civil Engineering  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
(Institution Deemed to be University  
U/s 3 of the UGC Act 1956)  
THANJAVUR - 613 403, TAMILNADU.

Remarks of the Dean

Please improve your  
activities

  
Signature of Dean with name/date

DEAN  
School of Engineering and Tech.  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST)  
Deemed to be University  
Vailam, Thanjavur - 613 403.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean

  
Signature of the faculty with name/date

(D. JEYAKUMAR)

31/5/2023

Forwarded to the Registrar

Signature of Dean with name/date

  
31/5/23

DEAN  
School of Engineering and Tech.  
Ponnaiyah Ramajayam Institute of  
Science and Technology (PRIST)  
Deemed to be University  
Vailam, Thanjavur-613 403.

Page 8 of 8

  
REGISTRAR,

Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956),  
THANJAVUR - 613 403, TAMIL NADU.





Self-Appraisal Report

(For the period from JANUARY 2022 to JUNE 2023)

**Part I: Personal Data**

Name of the Faculty Member	Dr.D.CHINNARAJA
Date of Birth	10/06/1982
Assessment period	from <u>January 2022</u> to <u>June 2023</u>
Designation & Date of joining PRIST	Assistant Professor - 02/05/2018
Date of appointment to current designation	02/05/2018
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D
Details of leave availed during the assessment period	NIL

**Part II: SELF ASSESSMENT**

**II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and waiting patenting	-

2.	Technology developed and duly recognized by Competent Authority	-
3.	Technology upgradation and duly recognized by Competent Authority	-
4.	Book Chapter / Monograph Published	11
5.	Peer reviewed paper (international)**	1.D.CHINNARAJA 2023). Catalytic multicomponent synthesis, biological evaluation, molecular docking and in silico ADMET studies of some novel 3-alkyl indoles. <i>Journal of King Saud University-Science</i> , 35(2), 102475.
6.	Peer reviewed Report (International)	-
7.	Peer reviewed paper (National)	-
8.	Peer reviewed Report (National)	-
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	10
10.	Participation in International Seminar as key presenter / key-note speaker	-
11.	International Seminar / Workshop Paper Presentation	-

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	-
13.	Participation in National Seminar as key presenter / keynote speaker	-
14.	National Seminar / Workshop / Paper Presentation	-
15.	National Seminar / Workshop Poster Presentation	-
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	-
17.	M.Phil / M.Tech Dissertation supervision done	M.Phil Supervision done - 2
18.	Other Dissertation / Supervision done	B.Sc., and M.Sc.,
19.	International funded project formulation including its approval by funding agencies	-
20.	National funded project formulation and its approval by funding agency	-
21.	Peer recognized International and National awards / Fellowships	-

\* Pls. add additional sheets wherever necessary

### II-B - Extension and Education

Sl. No.	Activity	Details
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1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	-
2.	Assisting in organizing training for users/stakeholders	-
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	-
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	01
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	-
6.	Teaching input in PRIST Deemed to be University	-
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	<ul style="list-style-type: none"> <li>➤ AlgalR Nutraceuticals Pvt Ltd</li> <li>➤ Indian Additives Limited</li> </ul>
8.	Technical services for identification / testing of various kind of samples/species	-
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	-
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	-
11.	Completion of projects assigned by various funding agencies	-

\* Pls. add additional sheets wherever necessary

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	-
2.	Organizing technical meetings related to the research management	-
3.	Bringing out Proceedings of meetings related to research Management	-



4.	Development & implementation Research Information Management through E-governance	-
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	-
6.	Execution/completion of consultancy project	-
7.	Technical and Advisory Services to other agencies including International	-
8.	Extension Services rendered using Research output	-

\* Pls. add additional sheets wherever necessary

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: THANJAVUR

SCHOOL/DEPT: ARTS AND SCIENCE

NAME OF THE FACULTY: Dr.D.CHINNARAJA

TEST No./ END SEM.EXAM (Month/Yr) \*: JULY-2022

S.No	Code/Courses/Class Handled BSc., III - Year VI-Semester, I MSc I Sem	Total Class Strength	No. of students scored (marks)				
			100 % ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1.	20114AEC43, III-B,Sc	45	-	29	14	2	-
2.	20214SEC42, II-MSc	20	10	05	03	02	-

*Dr. D. Chinnaraja*  
Dept.Exam i/c

*Dr. D. Chinnaraja*  
HoD

*Dr. D. Chinnaraja*  
Dean  
Dean of Arts & Science  
PRISM Deemed to be University  
Thanjavur - 613 403, Tamilnadu

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

- > Interactive lessons.
- > Using virtual reality technology.
- > Use the design-thinking process.
- > Project-based learning.

**Part III – Summary of Self Evaluation**

**Strengths of the faculty**

- ✔ Strong Communication Skills and Interpersonal Skills,
- ✔ Real-World Learning is Prioritized, Engaging and Exciting,
- ✔ Collaborative, Adaptability.

**Challenges before the faculty**

- ✔ Understanding different learning styles.
- ✔ Lack of effective communication.
- ✔ Communicating with parents,
- ✔ Creating engaging lesson plans that fit the curriculum.

Date: 24.06.2023

*[Signature]*  
Signature of Faculty

Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

To be Improve the Research Side

Date: 24.06.2023

*[Signature]* (Dr. S. Chinnappa)  
24.06.23  
Signature of HoD with name/date

Remarks of the Dean

- good -

*[Signature]* 25/6/23  
Signature of Dean with name/date

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean. *[Signature]* (Dr. S. Chinnappa)  
Signature of the faculty with name/date

Forwarded to the Registrar

*[Signature]* 25/6/23  
Signature of Dean with name/date

Page 5 of 5

*[Signature]*  
Dr. S. Chinnappa  
Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

*[Signature]* 25/6/23  
REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956),  
THANJAVUR - 613 403, TAMIL NADU.

Self Appraisal Report

(For the period from 2022 to 2023)

<b>Part I: Personal Data</b>		
Name of the Faculty Member	Dr M..Malarkodi	
Date of Birth	2.7.1981	
Assessment period	From ( 2022 to 2023 )	
Designation & Date of joining PRIST	Associate Professor - 13.06.2012	
Date of appointment to current designation	13.06.2015	
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D	
Details of leave availed during the assessment period	6	
<b>Part II: SELF ASSESSMENT</b>		
<b>II-A: Research Component*</b>		
Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	Nil
2.	Technology developed and duly recognized by Competent Authority	Nil
3.	Technology upgradation and duly recognized by Competent Authority	Nil
4.	Book / Monograph Published	KURUNJI
5.	Peer reviewed paper (international)**	Nil
6.	Peer reviewed Report (International)	Nil
7.	Peer reviewed paper (National)	Nil



8.	Peer reviewed Report (National)	Nil
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	Nil
10.	Participation in International Seminar as key presenter / key-note speaker	Nil
11.	International Seminar / Workshop Paper Presentation	Nil

It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	Nil
13.	Participation in National Seminar as key presenter / keynote speaker	Nil
14.	National Seminar / Workshop / Paper Presentation	Nil
15.	National Seminar / Workshop Poster Presentation	Nil
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	YES
17.	M.Phil / M.Tech Dissertation supervision done	Nil
18.	Other Dissertation / Supervision done	Nil
19.	International funded project formulation including its approval by funding agencies	Nil
20.	National funded project formulation and its approval by funding agency	Nil
21.	Peer recognized International and National awards / Fellowships	Nil

\* Pls. add additional sheets wherever necessary

#### II-B – Extension and Education

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	Nil
2.	Assisting in organizing training for users/stakeholders	Nil
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Nil
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	Nil
5.	Organizing National / International	Nil

	Workshop / Seminar for PRIST as committee member	
6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 4.
7	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	TAMIL INFO TECHNOLOGY , DINDUGAL
8.	Technical services for identification / testing of various kind of samples/species	Nil
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	Nil
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Nil
11.	Completion of projects assigned by various funding agencies	Nil

\* Pls. add additional sheets wherever necessary

### II – C: Institutional Research Management Component

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	Nil
2.	Organizing technical meetings related to the research management	Nil
3.	Bringing out Proceedings of meetings related to research Management	Nil
4.	Development & implementation Research Information Management through E-governance	Nil
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	Nil
6.	Execution/completion of consultancy project	Nil
7.	Technical and Advisory Services to other agencies including International	Nil
8.	Extension Services rendered using Research output	Nil

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Main Campus

SCHOOL/DEPT: Arts & Science, Dept. of Tamil


NAME OF THE FACULTY: Dr. M. Malarkodi

TEST No./ END SEM.EXAM (Month/Yr) \*: APRIL 2023

S.No	Code/Courses/ Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	22110AEC21- B.A.ENGLISH	49	45	4	-	-	-
2	20110AEC41- B.SC MATHS	45	40	3	2	-	-

  
Dept. Exam i/c

  
HOD

  
Dean  
29/5/23  
Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

Any innovation/best practice followed in teaching methodology can be described below:

Nil

Part III – Summary of Self Evaluation



### Strengths of the faculty

- Adaptability
- Patience
- Real-World Learning is Prioritized
- Never Stop Learning
- Organizational Abilities
- Ability to Simplify Concepts

### Challenges before the faculty

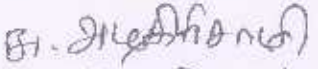
- Parental support
- Behavior management
- Balancing different learning styles

Date: 24/5/23

  
Signature of Faculty

Remarks of the HOD on the performance, strengths and opportunities for the improvement of the faculty:

Develop leadership skills through department and university wide service.  
Engage in mentoring and advising students, particularly those from underrepresented groups.

  
Signature of HOD with Name/date

Remarks of the Dean

Collaborate with colleagues on interdisciplinary research projects.

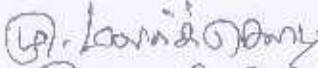
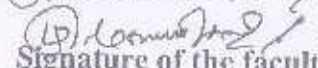
Over all Good

 29/5/23

Signature of Dean with Name/date


(Dr. L. CHINNAPPA) **Dean of Arts & Science**  
**PRIST Deemed to be University**  
**Thanjavur - 613 403, Tamilnadu.**

I have read and I agree with the aforesaid 'Remarks' by my HOD and the Dean.

(Dr. L. CHINNAPPA)   
(Dr. L. CHINNAPPA)  24/5/23  
Signature of the faculty with name/date

Forwarded to the Registrar

Signature of Dean with name/date

(Dr. L. CHINNAPPA)  29/5/23  
**Dean of Arts & Science**  
**PRIST Deemed to be University**  
**Thanjavur - 613 403, Tamilnadu.**

  
**REGISTRAR,**  
Ponnayiah Ramajayam Institute of  
Sciences & Technology (PRIST)  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956)  
THANJAVUR - 613 403, TAMIL NADU



## Self Appraisal Report

(For the period from 2022 to2023)

Part I: Personal Data	
Name of the Faculty Member	Dr.K.SARAVANAN
Date of Birth	08/04/1970
Assessment period	From( 2022 to 2023)
Designation& Date of joining PRIST	PROFESSOR & 04/01/2008
Date of appointment to current designation	04/01/2008
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D.,
Details of leave availed during the assessment period	NIL



**Part II: SELF ASSESSMENT**

**II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	-
2.	Technology developed and duly recognized by Competent Authority	-
3.	Technology upgradation and duly recognized by Competent Authority	-
4.	Book / Monograph Published	-
5.	Peer reviewed paper (international)**	American Journal of Computer Science and Information Technology (AJCSIT), ISSN 2349-3917.  Pubicon Journal, Pubicon International Publications.  IEEE ICEECCOT-2016(IEEE Conference Record # 40038).
6.	Peer reviewed Report (International)	-
7.	Peer reviewed paper (National)	-
8.	Peer reviewed Report (National)	-
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	-
10.	Participation in International Seminar as key presenter / key-note speaker	✓

11.	International Seminar / Workshop Paper Presentation	-
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\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	-
13.	Participation in National Seminar as key presenter / keynote speaker	-
14.	National Seminar / Workshop / Paper Presentation	-
15.	National Seminar / Workshop Poster Presentation	-
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	Mr. VENKATESAN (Reg.No: 151611823)-2022 Ms. AMUDHA.T(Reg.No: 151610632)-2022
17.	M.Phil / M.Tech Dissertation supervision done	-
18.	Other Dissertation / Supervision done	-
19.	International funded project formulation including its approval by funding agencies	
20.	National funded project formulation and its approval by funding agency	Implementing AI-Powered Menu Recommendation Systems for Personalized Catering Experiences-Sri Chendhoor & Co 2 years-2022-23

		7.7 Lakhs Cybersecurity Legal Compliance: Assessing Risks and Ensuring Data Protection NPC Org Pvt Ltd-2 years-2022-23 7.59 Lakhs
21.	Peer recognized International and National awards / Fellowships	-

\* Pls. add additional sheets wherever necessary

### II-B – Extension and Education

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders/ Developing training material for various courses	-
2.	Assisting in organizing training for users/stakeholders	-
3.	Conducting diploma/PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	-
4.	Organizing International Workshop/Seminar for Institution as convener/ Organizing Secretary	-
5.	Organizing National/International Workshop/Seminar for PRIST as committee member	-
6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	1. DR. T. TAMARASELVAN, ISysway 2. Mr. Karthikayan, Quantumsys Technologies.
8.	Technical services for identification / testing of various kind of samples/species	-



9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	-
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	-
11.	Completion of projects assigned by various funding agencies	-

**\* Pls. add additional sheets wherever necessary**

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	-
2.	Organizing technical meetings related to the research management	-
3.	Bringing out Proceedings of meetings related to research Management	-
4.	Development & implementation Research Information Management through E-governance	-
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	-
6.	Execution/completion of consultancy project	-
7.	Technical and Advisory Services to other agencies including International	-
8.	Extension Services rendered using Research output	-

**\* Pls. add additional sheets wherever necessary**

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Main Campus

SCHOOL/DEPT: Arts & Science/Computer Science

NAME OF THE FACULTY: Dr.K.Saravanan

TEST No./ END SEM.EXAM (Month/Yr) \*: 1 & 3/December 2022 & May 2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	20222SEC31/Data mining and warehousing/II MCA	56	50	6	-	-	-
2	20222SEC43/Big Data/II MCA	56	52	2	2	-	-

D. S. Chandrasekar  
Dept.Exam i/c

*[Signature]*  
HoD

*[Signature]*  
Dean

\* Separate Table to be used for every Test and semester exam during the Appraisal Period; attach additional sheets, if required.

PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu

Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu

Any innovation/best practice followed in teaching methodology can be described below:

\* Pls. add additional sheets if necessary

Nil

### Part III – Summary of Self Evaluation

#### Strengths of the faculty

- Having strong communication and interpersonal skills.
- Being an active listener.
- Collaborative.
- Adaptable.
- Engaging and enthusiastic.
- Empathetic.

#### Challenges before the faculty

- **Workload Balance:** Faculty members juggle teaching, research, and administrative responsibilities, which can lead to burnout.
- **Student Engagement:** Keeping students motivated and engaged, especially in larger classes, can be difficult.
- **Technology Integration:** Adapting to new teaching technologies and tools can be challenging, especially for those less tech-savvy.
- **Assessment and Evaluation:** Designing fair and effective assessment methods while ensuring academic integrity can be a significant challenge.
- **Mental Health:** Faculty members may struggle with their own mental health, exacerbated by pressures from their roles.
- **Professional Development:** Finding time and resources for continuing education and professional growth can be difficult amidst other commitments.

Date: 16.05.2023

Page 7 of 8



Signature of Faculty



Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

\* Need to improve more funding Projects.

*[Signature]*  
15/05/23  
Signature of HoD with name/date  
(Dr. K. T. Senthil Kumar)  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

Remarks of the Dean

- Good -

*[Signature]*  
15/05/23  
Signature of Dean with name/date  
(Dr. L. Chinnappa)  
Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean.

*[Signature]*  
10/05/23  
Signature of the faculty with name/date  
(Dr. K. Saravanan)

Forwarded to the Registrar

*[Signature]*  
15/05/23  
Signature of Dean with name/date  
(Dean of Arts & Science)  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

Self Appraisal Report

(For the period from 2022 to 2023 )

**Part I: Personal Data**

Name of the Faculty Member	Dr M..Malarkodi
Date of Birth	2.7.1981
Assessment period	From ( 2022 to 2023 )
Designation & Date of joining PRIST	Associate Professor - 13.06.2012
Date of appointment to current designation	13.06.2015
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D
Details of leave availed during the assessment period	6

**Part II: SELF ASSESSMENT**

**II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	Nil
2.	Technology developed and duly recognized by Competent Authority	Nil
3.	Technology upgradation and duly recognized by Competent Authority	Nil
4.	Book / Monograph Published	KURUNJI
5.	Peer reviewed paper (international)**	Nil
6.	Peer reviewed Report (International)	Nil
7.	Peer reviewed paper (National)	Nil

8.	Peer reviewed Report (National)	Nil
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	Nil
10.	Participation in International Seminar as key presenter / key-note speaker	Nil
11.	International Seminar / Workshop Paper Presentation	Nil

It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	Nil
13.	Participation in National Seminar as key presenter / keynote speaker	Nil
14.	National Seminar / Workshop / Paper Presentation	Nil
15.	National Seminar / Workshop Poster Presentation	Nil
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	YES
17.	M.Phil / M.Tech Dissertation supervision done	Nil
18.	Other Dissertation / Supervision done	Nil
19.	International funded project formulation including its approval by funding agencies	Nil
20.	National funded project formulation and its approval by funding agency	Nil
21.	Peer recognized International and National awards / Fellowships	Nil

\* Pls. add additional sheets wherever necessary

### II-B – Extension and Education

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakcholders / Developing training material for various courses	Nil
2.	Assisting in organizing training for users/stakeholders	Nil
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Nil
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	Nil
5.	Organizing National / International	Nil



	Workshop / Seminar for PRIST as committee member	
6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 4.
7	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	TAMIL INFO TECHNOLOGY , DINDUGAL
8.	Technical services for identification / testing of various kind of samples/species	Nil
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	Nil
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Nil
11.	Completion of projects assigned by various funding agencies	Nil

\* Pls. add additional sheets wherever necessary

## II – C: Institutional Research Management Component

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	Nil
2.	Organizing technical meetings related to the research management	Nil
3.	Bringing out Proceedings of meetings related to research Management	Nil
4.	Development & implementation Research Information Management through E-governance	Nil
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	Nil
6.	Execution/completion of consultancy project	Nil
7.	Technical and Advisory Services to other agencies including International	Nil
8.	Extension Services rendered using Research output	Nil

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Main Campus

SCHOOL/DEPT: Arts & Science, Dept. of Tamil


NAME OF THE FACULTY: Dr. M. Malarkodi

TEST No./ END SEM.EXAM (Month/Yr) \*: APRIL 2023

S.No	Code/Courses/ Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	22110AEC21- B.A.ENGLISH	49	45	4	-	-	-
2	20110AEC41- B.SC MATHS	45	40	3	2	-	-

  
Dept. Exam i/c

  
HOD

  
Dean  
Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.  
29/5/23

Any innovation/best practice followed in teaching methodology can be described below:

Nil

Part III – Summary of Self Evaluation


### Strengths of the faculty

- Adaptability
- Patience
- Real-World Learning is Prioritized
- Never Stop Learning
- Organizational Abilities
- Ability to Simplify Concepts

### Challenges before the faculty


- Parental support
- Behavior management
- Balancing different learning styles

Date: 24/5/23

  
Signature of Faculty

Remarks of the HOD on the performance, strengths and opportunities for the improvement of the faculty:

Develop leadership skills through department and university wide service.  
Engage in mentoring and advising students, particularly those from underrepresented groups.

  
Signature of HOD with Name/date

Remarks of the Dean



Collaborate with colleagues on interdisciplinary research projects.

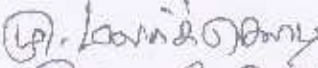

Over all Good

  
29/5/23

Signature of Dean with Name/date

(Dr. L. CHINAPPA) Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.


I have read and I agree with the aforesaid 'Remarks' by my HOD and the Dean.

  
  
Signature of the faculty with name/date

Forwarded to the Registrar

Signature of Dean with name/date

(Dr. L. CHINAPPA) Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

  
REGISTRAR,  
Ponnalyah Parthajayam Institute of  
Science & Technology (PRIST)  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956),  
THANJAVUR - 613 403, TAMIL NADU.



## Faculty Self-Appraisal Report

(For the period from JUNE 2022 to April 2023)

Part I: Personal Data	
Name of the Faculty Member	<b>Dr. A. Bakrudeen Ali Ahmed</b> (Male)
Date of Birth	24/11/1976
Assessment period	From 2022 to 2023
Designation & Date of joining PRIST	Associate professor- 14/11/2016
Date of appointment to current designation	
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D. Biochemistry
Details of leave availed during the assessment period	NIL

**Part II: SELF ASSESSMENT**

**II-A: Research Component\***

Sl No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	<p>1. Granted Patent Title: Heater Glove To Kills Virus (Covid) Fungus And Other Microbes/02-06 Application No: 364303-001; Inventor: R. Arun Kumar; R. Ramasubbu; J. Sumitha; W. Parveen; J. Senthil kumar; Akhilesh kumar; J. Srinivasan; S. Azhagu madhavan; P. Arjun; A. Bakrudeen Ali Ahmed</p> <p>2. Granted Patent Title: ROUND SWEET MAKER MACHINE WITH MANUAL OPERATION AND PORTABILITY. Application No: 373883-001. R ARUN KUMAR; M ANIS KUMAR; M ANIS KUMAR; G VENKAT KUMAR; G.VENKAT KUMAR; SUMATHY RENGARAJAN; SUMATHY RENGARAJAN; A Bakrudeen Ali Ahmed et al.</p> <p>3. Granted Patent Title: Biodegradable Hexagonal Box Using For Controlled And Root-Targeted Fertilizer Delivery/09-03 Application No: 378974-001; CBR No:- 200021 Inventor: Dr. R. Arun Kumar ; 2. Dr. Sumathy Rengarajan, .3. Dr. G. Rajasekhar Reddy, 4. Dr. Y. Sasikumar, 5. Ms. Sowndarya, 6. Dr. K. Ashokkumar, 7. Dr. P. Arjun, 8. Dr. S. Azhagumadhavan,9. Dr. A. Bakrudeen Ali Ahmed.</p> <p>4. Patent Title: House Hold Multimode Feed Pellet Making Machine /30-00 Application No: 342560-001; CBR No:-200049. Inventor: Dr. Arun Kumar; Dr. Vidhya Sehastrri, Dr. Bakrudeen Ali Ahmed, Dr. Arjun Pandian;</p>
2.	Technology developed and duly recognized by Competent Authority	NIL
3.	Technology upgradation and duly recognized by Competent Authority	NIL



4.	Book / Monograph Published	<ol style="list-style-type: none"> <li>1. Arunkumar Ramu, Rajendran Ranjani, Azhagu Madhavan Sivalingam, V.D. Seshadri and Bakrudeen Ali Ahmed Abdul* (2022) Anticancer Potentiated Bioactive Compounds From Marine Flora. <b>Marine Antioxidants; Preparations, Syntheses, and Applications</b>, 1st Edition -September 1, 2022, Editors: Se- Kwon Kim, Kyung-Hoon Shin, Jayachandran Venkatesan, ISBN:9780323950862.</li> <li>2. Somasundaram Ambiga, Raja Suja Pandian, Lazarus Vijune Lawrence, Arjun Pandian, Ramu Arun Kumar, Bakrudeen Ali Ahmed Abdul (2022) Marine Algal Secondary Metabolites Are a Potential Pharmaceutical Resource for Human Society Developments. <b>Marine Biochemistry</b>; 1st Edition, ISBN: 9781003303916; Pp: 1-24.</li> <li>3. S. Ambiga, R. Pandian, A. Bakrudeen Ali Ahmed, R. Ramasubbu, R. Arun Kumar. L. Vijune Lawrence, A. Pandian, S. Yesudass, S. Serdaroglu Bose (2022) <b>Future Trends in Biomedical Applications. Materials Development and Processing for Biomedical Applications (Eds.)</b> Edited By Savaş Kaya, Sasikumar Yesudass, Srinivasan Arthanari, Sivakumar Bose, Goncagül CRC Press ((Taylor &amp; Francis), ISBN: 9781003173533.</li> </ol>
5.	Peer reviewed paper (international)**	<ol style="list-style-type: none"> <li>4. Jabir, N.R.; Rehman, M.T.; AlAjmi, M.F.; <b>Bakrudeen Ali Ahmed A</b>; Tabrez, S. (2023) Prioritization of bioactive compounds envisaging yohimbine as a multi targeted anticancer agent: insight from molecular docking and molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i>,. 2023 Dec 19;1-15. doi: 10.1080/07391102.2022.2158137.</li> <li>5. Preeja Prabhakar; <b>Bakrudeen Ali Ahmed Abdul</b>; Saravana Babu Chidambaram; Arun Kumar Ramu; Arjun Pandian (2023) Sinapic Acid Improves Neurotransmitter Status and Oxidative Stress-Related Changes in Mouse Model of Experimental Parkinsonism. <i>International Journal of</i></li> </ol>

		<p>Nutrition, Pharmacology, Neurological Diseases, 13:25-31.</p> <p>6. Preeja Prabhakar; <b>Bakrudeen Ali Ahmed Abdul</b>; Saravana Babu Chidambaram; Arun Kumar Ramu; Arjun Pandian (2023). In Vitro Ameliorative Effects of Sinapic Acid on Parkinson Related Neurotoxicity in SHSY5Y Cell Lines. International Journal of Nutrition, Pharmacology, Neurological Diseases, 13:16-24.</p> <p>7. Nasimudeen, R.J., Mohd S.Khan., Nouf, O.A., Huma, N., <b>Bakrudeen Ali Ahmed (2022)</b> Anticancer potential of yohimbine in drug-resistant oral cancer KB-ChR-8-5 cells. Molecular Biology Reports, 49(10), pp. 9565-9573.</p> <p>8. Jabir, Nasimudeen R; Firoz, Chelapram K; Zughaibi, Torki;Alsaadi, Mohammed Abdullah;Abuzenadah, Adel M;Al-Asmari, Ahmed Ibrahimc, f;Alsaicodi, Ahdabd.; <b>Bakrudeen Ali Ahmed</b>; Ramu, Arun Kumar;Tabrez, Shams (2022) A literature perspective on the pharmacological applications of yohimbine. Annals of Medicine, Volume 54, Issue 1, Pages 2861-2875.</p> <p>9. Mohajer S.;Taha, Rosna Mat; Hajivand, Shokrollah; Pirkhezri, Mohialdin; <b>Bakrudeen Ali Ahmed A (2022)</b> Transient Gene Expression in Molecular Farming and Functional Genomics of Tea (<i>Camellia sinensis</i>): A Review. Journal of Plant Growth Regulation, 42(7), pp. 4000-4019.</p> <p>10. J. Saravanan, A. Vignesh, Syed Shaheen Shah, Md. Abdul Aziz, Siew-Moi Phang, Fong- Lee Ng, <b>Bakrudeen Ali Ahmed</b> and G. Gnana kumar (2022). Binder-less and free- standing Co-Fe metal nanoparticles decorated PVdF-HFP nanofiber membrane as an electrochemical probe for enzyme-less glucose sensors. Research on chemical intermediates, 48(1), 101-116.</p>
6.	Peer reviewed Report (International)	10 Research Paper International Journal Reviewer

7.	Peer reviewed paper (National)	NIL
8.	Peer reviewed Report (National)	NIL
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	Technical Note <b>Technical note / Examiner:</b> Project Exhibition / Poster Presentation / Idea contest conducted by Department of Electronics and Communication Engineering, Arasu Engineering College, Kumbakonam, Tamil Nadu, India 23 <sup>rd</sup> February, 2023
10.	Participation in International Seminar as key presenter / key-note speaker	International Seminar – 1 Key-note speaker College & University–2 1. <b>Invited talk:</b> Biotic and abiotic stress, role in drugs production through in vitro (plant tissue culture) approaches in plants, PG & Research, Department of Botany, Jamal Mohamed College, Tiruchirappalli at 3 <sup>rd</sup> August, 2023.  2. <b>Invited talk / Panel Members:</b> Sustainability of Natural Resources: Conservation of Medicinal Plants and Secondary metabolites Applications, National Conference on “ Conservation strategies for sustainability of Natural Resources held on 21 <sup>st</sup> March 2023 Organized by Dept. of Environmental and Herbal Science, Faculty of Science, Tamil University, Thanjavur, Tamil Nadu.  3. <b>Invited talk:</b> Academic Institutions Promoting Innovations Ideas to IPRs, Rabiammal Ahamed Maideen College for Women, Tiruvarur, Tamil Nadu, India 15 <sup>th</sup> September, 2022.
11.	International Seminar / Workshop Paper Presentation	2

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.



12.	International Seminar / Workshop Poster Presentation	NIL
13.	Participation in National Seminar as key presenter / keynote speaker	<p>1. <b>Invited talk:</b> Academic Institutions Promoting Innovations Ideas to IPRs, Rabiammal Ahamed Maideen College for Women, Tiruvarur, Tamil Nadu, India 15<sup>th</sup> September, 2022.</p> <p>2. <b>Invited talk:</b> Biotic and abiotic stress, role in drugs production through in vitro (plant tissue culture) approaches in plants, PG &amp; Research, Department of Botany, Jamal Mohamed College, Tiruchirappalli at 3<sup>rd</sup> August, 2023.</p>
14.	National Seminar / Workshop / Paper Presentation	NIL
15.	National Seminar / Workshop Poster Presentation	NIL
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	2
17.	M.Sc. Project Work - supervision done	2
18.	Other Dissertation / Supervision done	UG-3
19.	International funded project formulation including its approval by funding agencies	NIL
20.	National funded project formulation and its approval by funding agency	<p>ICMR – ADHOC</p> <p>Anticancer potential of Bioactive compound combined with drugs on oral squamous cell carcinoma (OSCC) - an in vitro and in vivo approach, ICMR (Indian Council of Medical Research, Govt. of India. 2021 – 2024, Grant Amount: 44.5 Lakhs / Ref: 58/18/2020/PHA/BMS</p>
21.	Peer recognized International and National awards / Fellowships	1. Name of the Association: Healthcare and Biological Sciences Research Association(HBSRA); Category: Life Membership; Membership ID:

\* Pls. add additional sheets wherever necessary

		HBSRA-M19092
		2. Name of the Association: Institute for Engineering Research and Publication (IFERP); Membership status: Until 31/12/2024; Membership ID: PM1462822
		3. Name of the Association: BiQ-BYWORD "INNOSC BIOMATERIALS AND STEM CELLS" Membership status: Life membership; Membership ID: BBW-IBSC-016

**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	NIL
2.	Assisting in organizing training for users/stakeholders	NIL
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	NIL
4.	Organizing International Workshop / Seminar for Institutions as convener / Organizing Secretary	NIL
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	NIL
6.	Teaching input in PRIST Deemed to be University	Pls. furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	1. Trichy BIOTECH PVT. LTD, TRICHY 2. BIOTECINO SOLUTION, TRICHY
8.	Technical services for identification / testing of various kind of samples/species	NIL
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	NIL
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	NIL
11.	Completion of projects assigned by various funding agencies	NIL

\* Pls. add additional sheets wherever necessary



**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	NIL
2.	Organizing technical meetings related to the research management	NIL
3.	Bringing out Proceedings of meetings related to research Management	NIL
4.	Development & implementation Research Information Management through E-governance	NIL
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	NIL
6.	Execution/completion of consultancy project	NIL
7.	Technical and Advisory Services to other agencies including International	NIL
8.	Extension Services rendered using Research output	NIL

\* Pls. add additional sheets wherever necessary

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: THANJAVUR MAIN CAMPUS

SCHOOL/DEPT: SCHOOL OF ARTS & SCIENCES / BIOCHEMISTRY

NAME OF THE FACULTY: BAKRUDEEN ALI AHMED

TEST No./ END SEM.EXAM (Month/Yr) \*: MAY/2023

S. No.	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1.	23115GEC14-BIOLOGICALCHEMISTRY	25		78			
2.	23115GEC14-BIOCHEMISTRY	19	85				
3.	23117SEC38-GOOD LABORATORY	15	92				
4.	22117DSC54B-PHARMACEUTICAL BIOCHEMISTRY	8	96				

  
Dept. Exam i/c

  
HoD

  
Dean

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

• **Pls. add additional sheets if necessary**

The classes has provided to students through power point presentation, video demonstration, flow chart, diagram with suitable reference books.

The methodology of the classes should be focus on the prototype, product development of the concern field.

The subject is correlation to the industry based products and job placement in the concern courses.

### Part III - Summary of Self Evaluation

#### Strengths of the faculty

- \* Having strong communication and interpersonal skills.
- \* Active listener
- > Adaptable
- \* Never stops learning,
- \* Able to simplify concepts

#### Challenges before the faculty

- \* Creating engaging lessons.
- \* Balancing diverse learning needs.
- \* Managing parents
- \* Students are not always bright eyed and bushy tailed and motivated to learn, so developing the range of tactics to manage difficult or unmotivated learners is vital.

  
Signature of Faculty 28/3/23



Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

Good, performer, in research field, scientific talk and presentation.

A. Babu / 28/3/23  
(Dr. A. Babudeen Ali Ahmed)  
Signature of HoD with name/date  
Head of the Department  
Department of Biochemistry  
School of Arts & Science  
PRIST Deemed to be University  
Thanjavur-613 403

Remarks of the Dean

- Good -

Signature of Dean with name/date  
(Dr. L. CHINNAPPA)  
DEAN  
School of Arts & Science  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur - 613 403.

I have read and I agree with the aforesaid 'Remarks' by my

Signature of the faculty with name/date

A. Babu / 28/3/23

Forwarded to the Registrar

Signature of Dean with name/date

(Dr. L. CHINNAPPA)  
DEAN  
School of Arts & Science  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur - 613 403.

(Dr. A. Babudeen Ali Ahmed)

REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956),  
THANJAVUR - 613 403, TAMIL NADU.



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY

**PRIST DEEMED UNIVERSITY**

Vallam, Thanjavur.

## Self Appraisal Report

(For the period from JUNE 2021 to MAY 2022 )

<b>Part I: Personal Data</b>	
Name of the Faculty Member	Dr.M.VJAY Male
Date of Birth	0801.1994
Assessment period	From 2021 To 2022
Designation & Date of joining PRIST	Assistant Professor DoJ 05.12.2017
Date of appointment to current designation	Assistant Professor
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	MBA,M.PHIL,PILD
Details of leave availed during the assessment period	17 days

**Part II: SELF ASSESSMENT****II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	NIL
2.	Technology developed and duly recognized by Competent Authority	NIL
3.	Technology upgradation and duly recognized by Competent Authority	NIL
4.	Book / Monograph Published	YES RESEARCH METHODOLOGY
5.	Peer reviewed paper (international)**	NIL
6.	Peer reviewed Report (International)	NIL
7.	Peer reviewed paper (National)	NIL
8.	Peer reviewed Report (National)	NIL
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	NIL
10.	Participation in International Seminar as key presenter / key-note speaker	NIL
11.	International Seminar / Workshop Paper Presentation	NIL

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.



12.	International Seminar / Workshop Poster Presentation	NIL
13.	Participation in National Seminar as key presenter / keynote speaker	NIL
14.	National Seminar / Workshop / Paper Presentation	International Conference on Online Management control
15.	National Seminar / Workshop Poster Presentation	NIL
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	NIL
17.	M.Phil / M.Tech Dissertation supervision done	Yes
18.	Other Dissertation / Supervision done	NIL
19.	International funded project formulation including its approval by funding agencies	NIL
20.	National funded project formulation and its approval by funding agency	NIL
21.	Peer recognized International and National awards / Fellowships	NIL

\* Pls. add additional sheets wherever necessary

**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	Nil
2.	Assisting in organizing training for users/stakeholders	Nil
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Nil
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	Nil
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	Tax value
6.	Teaching input in PRIST Deemed to be University	Nil
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	Nil
8.	Technical services for identification / testing of various kind of samples/species	Nil
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	Nil
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Nil
11.	Completion of projects assigned by various funding agencies	Nil

\* Pls. add additional sheets wherever necessary

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	Nil
2.	Organizing technical meetings related to the research management	Nil
3.	Bringing out Proceedings of meetings related to research Management	Nil
4.	Development & implementation Research Information Management through E-governance	Nil
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	Nil
6.	Execution/completion of consultancy project	Nil
7.	Technical and Advisory Services to other agencies including International	Nil
8.	Extension Services rendered using Research output	Nil

\* Pls. add additional sheets wherever necessary

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS:Vallam

SCHOOL/DEPT: School of Commerce and Management

NAME OF THE FACULTY: DR.M.VIJAY



TEST No./ END SEM.EXAM (Month/Yr) \*: Cycle Test 15.10.2022

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
	20160AEC35/IIBBA	60	50	40	10	-	
	20160SEC52/III BBA	60	60	30	5	5	
	20160SEC54 /IIBBA	60	65	25	10	-	

*M. Vijay* 10/7/21  
Dr.M.VIJAY

*K. Selvan* 10/7/21  
DR.KG SELVAN

*U. Rajan* 18/07/21  
Dr.U.RAJAN

Dept.Exam i/c

HoD

Dean  
DEAN

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Department of Business Management  
Ponnamyathur Ramajayam Institute of  
Science & Technology (PRIST)  
THANJAVUR - 613 403.

School of Commerce and Management  
Ponnamyathur Ramajayam Institute of  
Science & Technology (PRIST)  
THANJAVUR - 613 403.

Any innovation/best practice followed in teaching methodology can be described below:

\* Pls. add additional sheets if necessary  
PPT presentation  
Debate  
Quiz Competition

**Part III – Summary of Self Evaluation**

Strengths of the faculty

EXAM CELL CO-COORDINATOR  
SFS COORDINATOR  
STUDENTS FEEDBACK COORDINATOR

**Challenges before the faculty**

They are not updated the Online education

Date: 04/07/2021

*M. Vignesh*  
Signature of Faculty

Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

Digital way of teaching to be encouraged  
Question bank system abolished  
experience faculty to be appointment  
Improve your Communication knowledge

Remarks of the Dean

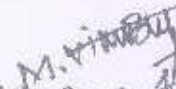
*kgk*  
Signature of HoD with name/date  
10/07/21  
HOD  
Department of Business Management  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
THANJAVUR - 613 403.

To be excellent in the performance in all the work  
participated seminar and conference presentations  
Improve your research

 18.07.21  
Signature of Dean with name/date  
DEAN

School of Commerce and Management  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
THANJAVUR - 613 403.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean.

 18/7/21  
Signature of the faculty with name/date

Forwarded to the Registrar

 18.07.21  
Signature of Dean with name/date  
DEAN

School of Commerce and Management  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
THANJAVUR - 613 403.



REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956).  
THANJAVUR - 613 403, TAMIL NADU.





PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY

**PRIST DEEMED UNIVERSITY**

Vallam, Thanjavur.

## Self Appraisal Report

(For the period from JUNE 2021 to MAY 2022)

Part I: Personal Data	
Name of the Faculty Member	K.SATHIYA Female
Date of Birth	01.11.1983
Assessment period	From 2021 To 2022
Designation & Date of joining PRIST	Assistant Professor DoJ 05.12.2016
Date of appointment to current designation	Assistant Professor
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	M.Com., M.Phil., B.Ed., (Ph.D)
Details of leave availed during the assessment period	14 days

**Part II: SELF ASSESSMENT****II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	NIL
2.	Technology developed and duly recognized by Competent Authority	NIL
3.	Technology upgradation and duly recognized by Competent Authority	NIL
4.	Book / Monograph Published	
5.	Peer reviewed paper (international)**	A study on Customer Satisfaction towards Samsung refrigerator in Theni District 1. ISSN 2455-6211 Volume 10 issue 6-June 22
6.	Peer reviewed Report (International)	Yes
7.	Peer reviewed paper (National)	NIL
8.	Peer reviewed Report (National)	NIL
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	NIL
10.	Participation in International Seminar as key presenter / key-note speaker	NIL
11.	International Seminar / Workshop Paper Presentation	NIL

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	NIL
13.	Participation in National Seminar as key presenter / keynote speaker	NIL
14.	National Seminar / Workshop / Paper Presentation	International Conference on Customer Relationship Management
15.	National Seminar / Workshop Poster Presentation	NIL
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	NIL
17.	M.Phil / M.Tech Dissertation supervision done	Yes
18.	Other Dissertation / Supervision done	NIL
19.	International funded project formulation including its approval by funding agencies	NIL
20.	National funded project formulation and its approval by funding agency	NIL
21.	Peer recognized International and National awards / Fellowships	NIL

\* Pls. add additional sheets wherever necessary



**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	Nil
2.	Assisting in organizing training for users/stakeholders	Nil
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Nil
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	Nil
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	Seminar on Tally Erp 9 Value of Accountancy
6.	Teaching input in PRIST Deemed to be University	Nil
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	Nil
8.	Technical services for identification / testing of various kind of samples/species	Nil
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	Nil
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Nil
11.	Completion of projects assigned by various funding agencies	Nil

\* Pls. add additional sheets wherever necessary

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	Nil
2.	Organizing technical meetings related to the research management	Nil
3.	Bringing out Proceedings of meetings related to research Management	Nil
4.	Development & implementation Research Information Management through E-governance	Nil
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	Nil
6.	Execution/completion of consultancy project	Nil
7.	Technical and Advisory Services to other agencies including International	Nil
8.	Extension Services rendered using Research output	Nil

**\* Pls. add additional sheets wherever necessary**

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS:Vallam

SCHOOL/DEPT: School of Commerce and Management

NAME OF THE FACULTY: Mrs.K.SATHIYA

TEST No./ END SEM.EXAM (Month/Yr) \*: Cycle Test 15.10.2022

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
	20161AEC47/OFFICE MANAGEMENT /II B.COM	60	42%	56%	2%	-	-
	20161AEC25/BUSINESS STATISTICS / IB.COM	60	60%	20%	20%	-	-
	20198SEC23/BUSINESS ACCOUNTING / I B.COM CA	60	74%	25%	1%	-	-

M. V. Jayaram  
10/10/21  
Dr. M. V. Jayaram  
Dept. Exam I/c

Dr. S. RAJENDARAN  
10/10/21  
HoD

Dr. U. RAJAN  
15/10/21

Dean

DEAN

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Department of Commerce  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
Dindur as DEEMED TO BE UNIVERSITY

Department of Management  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
THANJAVUR - 613 403.

Any innovation/best practice followed in teaching methodology can be described below:



\* Pls. add additional sheets if necessary

PPT presentation

Debate

Quiz Competition

### Part III – Summary of Self Evaluation

#### Strengths of the faculty

ERP coordinator

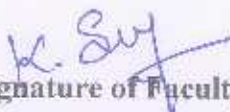
Organizing the workshop and seminar

Overall Department Exam cell Member

#### Challenges before the faculty


They are not updated the Online education

Date: 04/07/2021

  
Signature of Faculty

Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:


Digital way of teaching to be encouraged  
Question bank system abolished  
experience faculty to be appointment

 16/07/21  
Signature of HoD with name/date

HOD,  
Department of Commerce  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
Declared as DEEMED TO BE UNIVERSITY

Remarks of the Dean

To be excellent in the performance in all the work  
participated seminar and conference presentations

 16/07/21  
Signature of Dean with name/date

DEAN  
School of Commerce and Management  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
THANJAVUR - 613 403.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean.

  
Signature of the faculty with name/date

Forwarded to the Registrar

 16/07/21  
Signature of Dean with name/date

DEAN  
School of Commerce and Management  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
THANJAVUR - 613 403.

  
17/7/21  
REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956),  
THANJAVUR - 613 403, TAMIL NADU



**PRIST**  
DEEMED TO BE  
**UNIVERSITY**  
NAAC ACCREDITED  
THANJAVUR -- 613 403 - TAMILNADU

## Self-Appraisal Report

(For the period from June 2020 to May 2021 )

Part I: Personal Data	
Name of the Faculty Member	Dr. M. SIVANANTHAM (Male/Female)
Date of Birth	26-03-1982
Assessment period	from <u>June 2020</u> to <u>May 2021</u>
Designation & Date of joining PRIST	Assistant Professor & 01.06.2015
Date of appointment to current designation	Associate Professor & 01.06.2018
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph. D. Physics
Details of leave availed during the assessment period	-



Part II: SELF ASSESSMENT		
II-A: Research Component*		
Sl No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	-
2.	Technology developed and duly recognized by Competent Authority	-
3.	Technology upgradation and duly recognized by Competent Authority	-
4.	Book / Monograph Published	<ol style="list-style-type: none"> <li>1. Dr. M. Sivanantham, Quantum Mechanics, ISBN: 978-93-6255-796-4, 2020.</li> <li>2. Dr. M. Sivanantham, Statistical Mechanics, ISBN: 978-93-6255-916-6, 2020.</li> </ol>
5.	Peer reviewed paper (international)**	<ol style="list-style-type: none"> <li>1. Delphine, M. Murugan and M. Sivanantham, Effects of phenolic resin on the self-assembly behaviors of polyethylene glycol-b-poly(<math>\beta</math>-benzyl L-aspartate, International Journal of Engineering Research &amp; Technology, 9, 852-855, 2020</li> <li>2. P.Ponmani, P.Parthiban, R. Mahesh, M. Sivanantham, B. Nilavu, C. Tiwari, N.G. Sahoo, and A. Das, Plastic derived graphenic impregnated polyaniline coated electrode based microbial fuel cell using mixed culture obtained from canteen wastewater, Journal of Chemical Technology &amp; Biotechnology (Under review)</li> </ol>
6.	Peer reviewed Report (International)	-
7.	Peer reviewed paper (National)	-
8.	Peer reviewed Report (National)	-
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of	-

	the Seminar / Workshop (Editing of technical papers / presentation)	
10.	Participation in International Seminar as key presenter / key-note speaker	—
11.	International Seminar / Workshop Paper Presentation	—

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	1. Virtual International Workshop on Energy Storage Technologies for E-Mobility (IWESTE-2021), 25- 27th March 2021, SRM Institute of Science & Technology, Kattankulathur, Chengalpattu
13.	Participation in National Seminar as key presenter / keynote speaker	—
14.	National Seminar / Workshop / Paper Presentation	1. AICTE Training and Learning (ATAL) Academy Online FDP on "Energy Storage", Bharathiar University, October 2020 2. Webinar (Industry - Institute Interaction) on Optical and Electrical Modelling & Simulation for Organic Semiconductor Devices using SETFOS S/W, organized by Department of Sciences, IITDM, Kurnool, Andhra Pradesh on 25th, November 2020
15.	National Seminar / Workshop Poster Presentation	—

16.	Ph.D.s produced in the capacity as Guide / Co-Guide	
17.	M.Phil / M.Tech Dissertation supervision done	
18.	Other Dissertation / Supervision done	M. Sc., (Physics) 1. Jayalakshmi 2. Abarna 3. Sharmila
19.	International funded project formulation including its approval by funding agencies	
20.	National funded project formulation and its approval by funding agency	1. Received funding amount of Rs. 4,00,000 from DST-SERB for the research project 2. Submitted a project proposal to DST-FIST-2020 3. Submitted a project proposal under Swarnajayanti fellowship to DST
21.	Peer recognized International and National awards / Fellowships	

\* Pls. add additional sheets wherever necessary

**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	
2.	Assisting in organizing training for users/stakeholders	
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	



4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	Webinar on Introduction to nanotechnology and its applications on 28.10.2020
6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 6.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	nRoot Technologies Ltd, Thanjavur
8.	Technical services for identification / testing of various kind of samples/species	
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	
11.	Completion of projects assigned by various funding agencies	

\* Pls. add additional sheets wherever necessary

**II – C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	
2.	Organizing technical meetings related to the research management	
3.	Bringing out Proceedings of meetings related to research Management	

4.	Development & implementation Research Information Management through E-governance	-
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	-
6.	Execution/completion of consultancy project	-
7.	Technical and Advisory Services to other agencies including International	-
8.	Extension Services rendered using Research output	-

\* Pls. add additional sheets wherever necessary

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS:Vallam

SCHOOL/DEPT:Arts & Science/ Physics

NAME OF THE FACULTY: Dr. M. SIVANANTHAM

TEST No./ END SEM.EXAM (Month/Yr) \*: Cycle test -I & 31 08.2020

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	19213AEC31/ M. Sc., Physics Electromagnetic theory	18	6	4	4	3	1

TEST No./ END SEM.EXAM (Month/Yr) \*: Cycle test -1 & 31.08.2020

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	17113AEC51 B. Sc., Physics Electricity & Magnetism	44	3	21	15	5	-

TEST No./ END SEM.EXAM (Month/Yr) \*: Cycle test -2 & 12.10.2020

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	19213AEC31/ M. Sc., Physics Electromagnetic theory	18	7	3	6	2	-

TEST No./ END SEM.EXAM (Month/Yr) \*: Cycle test -2 & 12.10.2020

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	17113AEC51 B. Sc., Physics Electricity & Magnetism	44	4	20	17	3	-



TEST No./ END SEM.EXAM (Month/Yr) \*: END SEM.EXAM & 09.11.2020

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	19213AEC31/ M. Sc., Physics Electromagnetic theory	18	8	4	4	1	1

TEST No./ END SEM.EXAM (Month/Yr) \*: END SEM.EXAM & 09.11.2020

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	17113AEC51 B. Sc., Physics Electricity & Magnetism	44	6	26	4	4	4



Dept.Exam i/c



HoD



Dean

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

1. Student-centric focus: Prioritize student needs and engagement, and encourage active participation
2. Active learning: Promote deeper understanding and retention through hands-on and participatory activities

### Part III – Summary of Self Evaluation

#### Strengths of the faculty

1. Ability to get funding for research activities from the funding agencies
2. Making collaboration with national and international researchers
3. Capable of motivating the students towards research activities

#### Challenges before the faculty

1. Establishing the sophisticated research facilities

Date: 01.06.2021

Signature of Faculty


Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

Concentrating on patent is also important.

  
(Dr. M. SIVANANTHAM) 01.06.21  
Signature of HoD with name/date

**Remarks of the Dean**

International conferences have to be organized.

  
Signature of Dean with name/date

(Dr. L. CHINNAPPA)  
Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean.

  
(Dr. M. SIVANANTHAM) 01.06.21  
Signature of the faculty with name/date

Forwarded to the Registrar

Signature of Dean with name/date

(Dr. L. CHINNAPPA)  
Dean of Arts & Science  
PRIST Deemed to be University  
Thanjavur - 613 403, Tamilnadu.

  
REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956),  
THANJAVUR - 613 403, TAMIL NADU.





PONNATYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY

# PRIST DEEMED UNIVERSITY

Vallam, Thanjavur.

## Self Appraisal Report

(For the period from 2022 to 2023)

### Part I: Personal Data

Name of the Faculty Member	Dr.K.Shibifa
Date of Birth	16.02.1971
Assessment period	From ( Dec 2022 to May 2023 )
Designation & Date of joining PRIST	Assistant Professor 28/5/2008
Date of appointment to current designation	28/5/2015 - HoD
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D
Details of leave availed during the assessment period	6

### Part II: SELF ASSESSMENT

#### II-A: Research Component\*

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	Nil
2.	Technology developed and duly recognized by Competent Authority	Nil
3.	Technology upgradation and duly recognized by Competent Authority	Nil
4.	Book / Monograph Published	Nil
5.	Peer reviewed paper (international)**	Nil
6.	Peer reviewed Report (International)	Nil
7.	Peer reviewed paper (National)	Nil
8.	Peer reviewed Report (National)	Nil
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	Nil
10.	Participation in International Seminar as key presenter / key-note speaker	Nil
11.	International Seminar / Workshop Paper Presentation	Nil
12.	International Seminar / Workshop Poster Presentation	Nil

	Presentation	
13.	Participation in National Seminar as key presenter / keynote speaker	Nil
14.	National Seminar / Workshop / Paper Presentation	Nil
15.	National Seminar / Workshop Poster Presentation	Nil
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	Yes
17.	M.Phil / M.Tech Dissertation supervision done	Nil
18.	Other Dissertation / Supervision done	Yes
19.	International funded project formulation including its approval by funding agencies	Nil
20.	National funded project formulation and its approval by funding agency	Nil
21.	Peer recognized International and National awards / Fellowships	Nil

### II-B – Extension and Education

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	Nil
2.	Assisting in organizing training for users/stakeholders	Nil
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Yes
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	Nil
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	Nil
6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 3.
7.	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	Dice education pvt limited , kumbakonam.
8.	Technical services for identification / testing of various kind of samples/species	Nil
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	Nil
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Nil
11.	Completion of projects assigned by various funding agencies	Nil



**II - C: Institutional Research Management Component**

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	Nil
2.	Organizing technical meetings related to the research management	Nil
3.	Bringing out Proceedings of meetings related to research Management	Nil
4.	Development & implementation Research Information Management through E-governance	Nil
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	Nil
6.	Execution/completion of consultancy project	Nil
7.	Technical and Advisory Services to other agencies including International	Nil
8.	Extension Services rendered using Research output	Nil

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Main Campus

SCHOOL/DEPT: Arts and Science, Department Of English

NAME OF THE FACULTY: Dr.K.Shibila

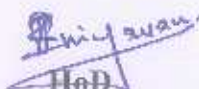
TEST No./ END SEM.EXAM (Month/Yr) \*: April 2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	III B.A English- 2011AEC61	46	38	8			
2	I M.A English- 22211AEC21	19	15	4	-	-	-
3	II M.A English- 20211SEC42	20	16	4			



Dept.Exam i/c

Page 3 of 5



HoD  
HOD  
Department of English  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Deemed to be University



Dean  
Dean  
School of Arts & Science  
Ponnaiyah Ramajayam Institute of  
Science & Technology ( PRIST)  
Deemed to be University  
Vallam, Thanjavur - 613 402



Any innovation/best practice followed in teaching methodology can be described below:

Nil

### Part III – Summary of Self Evaluation

#### Strengths of the faculty

- Cleverness in classroom management
- Curriculum expertise
- Academic cultural capital
- Fascinating character and effective teaching style

#### Challenges before the faculty


- Pedagogical changes
- Work-life balance
- Physical and mental health.

Date: 10.5.2023

  
Signature of Faculty

Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

Commendable

  
Signature of HoD with name/date

HOD

Department of English  
Ponnalyah Ramajayam Institute of  
Science & Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur - 613 403.

Remarks of the Dean

- Good -

*[Handwritten Signature]* 15/5/23

Signature of Dean with name/date  
Dean (Dr. L. CHINNAPPA)  
School of Arts & Science  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur - 613 403.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean.

*[Handwritten Signature]* 10/5/23

Signature of the faculty with name/date

Forwarded to the Registrar

*[Handwritten Signature]* 15/5/23

Signature of Dean with name/date  
Dean (Dr. L. CHINNAPPA)

School of Arts & Science  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur - 613 403.

*[Handwritten Signature]*

REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act. 1956),  
THANJAVUR - 613 403, TAMIL NADU.



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY

# PRIST DEEMED UNIVERSITY

Vallam, Thanjavur.

## Self Appraisal Report

(For the period from Dec-2022 to April-2023)

Part I: Personal Data		
Name of the Faculty Member	<b>Dr.S.Subramanian</b>	
Date of Birth	08.02.1968	
Assessment period	From ( Dec-2022 to April-2023)	
Designation & Date of joining PRIST	Associate Professor & 21/05/2014	
Date of appointment to current designation	HOD & 21/06/2019	
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D	
Details of leave availed during the assessment period	06	
Part II: SELF ASSESSMENT		
II-A: Research Component*		
Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	NIL
2.	Technology developed and duly recognized by Competent Authority	NIL
3.	Technology up gradation and duly recognized by Competent Authority	NIL
4.	Book / Monograph Published	NIL



5.	Peer reviewed paper (international)**	NIL
6.	Peer reviewed Report (International)	NIL
7.	Peer reviewed paper (National)	NIL
8.	Peer reviewed Report (National)	NIL
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	NIL
10.	Participation in International Seminar as key presenter / key-note speaker	NIL
11.	International Seminar / Workshop Paper Presentation	NIL

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	NIL
13.	Participation in National Seminar as key presenter / keynote speaker	NIL
14.	National Seminar / Workshop / Paper Presentation	NIL
15.	National Seminar / Workshop Poster Presentation	

16.	Ph.D.s produced in the capacity as Guide / Co-Guide	NIL
17.	M.Phil / M.Tech Dissertation supervision done	NIL
18.	Other Dissertation / Supervision done	NIL
19.	International funded project formulation including its approval by funding agencies	NIL
20.	National funded project formulation and its approval by funding agency	Title: Cybersecurity Legal Compliance: Assessing Risks and Ensuring Data Protection By : NPC Org Pvt Ltd Duration : 2Years Period : 2022-2023 Amount : 7.59
21.	Peer recognized International and National awards / Fellowships	NIL

\* Pls. add additional sheets wherever necessary

**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	NIL
2.	Assisting in organizing training for users/stakeholders	NIL
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	YES
4.	Organizing International	NIL

	Workshop/Seminar for Institution as convener / Organizing Secretary																																						
5.	Organizing National / International Workshop / Seminar for PRIST as committee member	NIL																																					
6.	Teaching input in PRIST Deemed to be University	<table border="1"> <thead> <tr> <th rowspan="2">Sl. No.</th> <th rowspan="2">Code/ Course/ Class / Sem/lec</th> <th rowspan="2">Total Class Hours/ wks</th> <th colspan="5">No. of students enrolled (number)</th> </tr> <tr> <th>100% ± 20%</th> <th>75% ± 20%</th> <th>50% ± 20%</th> <th>25% ± 20%</th> <th>14% ± 20%</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>U B.Sc. MATHEMATICS (2111) / 02 / TRINAMALUR</td> <td>45</td> <td>60</td> <td>32</td> <td></td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>U B.Sc. MATHEMATICS (2111) / 02 / OPERATIONS RESEARCH</td> <td>17</td> <td>15</td> <td>12</td> <td></td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>U B.Sc. MATHEMATICS (2111) / 02 / ALGEBRA</td> <td>19</td> <td>17</td> <td>68</td> <td></td> <td>-</td> <td>1</td> </tr> </tbody> </table>	Sl. No.	Code/ Course/ Class / Sem/lec	Total Class Hours/ wks	No. of students enrolled (number)					100% ± 20%	75% ± 20%	50% ± 20%	25% ± 20%	14% ± 20%	1	U B.Sc. MATHEMATICS (2111) / 02 / TRINAMALUR	45	60	32		-	-	2	U B.Sc. MATHEMATICS (2111) / 02 / OPERATIONS RESEARCH	17	15	12		-	-	3	U B.Sc. MATHEMATICS (2111) / 02 / ALGEBRA	19	17	68		-	1
Sl. No.	Code/ Course/ Class / Sem/lec	Total Class Hours/ wks				No. of students enrolled (number)																																	
			100% ± 20%	75% ± 20%	50% ± 20%	25% ± 20%	14% ± 20%																																
1	U B.Sc. MATHEMATICS (2111) / 02 / TRINAMALUR	45	60	32		-	-																																
2	U B.Sc. MATHEMATICS (2111) / 02 / OPERATIONS RESEARCH	17	15	12		-	-																																
3	U B.Sc. MATHEMATICS (2111) / 02 / ALGEBRA	19	17	68		-	1																																
7	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	NIL																																					
8.	Technical services for identification / testing of various kind of samples/species	NIL																																					
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	NIL																																					
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	NIL																																					
11.	Completion of projects assigned by various funding agencies	NIL																																					

\* Pls. add additional sheets wherever necessary

## II – C: Institutional Research Management Component

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	NIL
2.	Organizing technical meetings related to the research management	NIL



3.	Bringing out Proceedings of meetings related to research Management	NIL
4.	Development & implementation Research Information Management through E-governance	NIL
5.	Preparation and submission of consultancy projects and receipt of award of consultancy projects	NIL
6.	Execution/completion of consultancy project	NIL
7.	Technical and Advisory Services to other agencies including International	NIL
8.	Extension Services rendered using Research output	NIL

\* Pls. add additional sheets wherever necessary

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS : MAIN CAMPUS

SCHOOL/DEPT : SCHOOL OF ARTS & SCIENCE/ MATHEMATICS

NAME OF THE FACULTY : Dr. S. SUBRAMANIAN

TEST No./ END SEM.EXAM (Month/Yr) \*: APRIL/2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% < 50%	49% < 35%	34% < 0
1	III-B.Sc. MATHEMATICS/ 22112SEC62/ DYNAMICS	45	30	15	-	-	-
2	II-B.Sc. MATHEMATICS/ 22112SEC43/ OPERATIONS RESEARCH	47	32	15	-	-	-
3	II-M.Sc. MATHEMATICS/ 22212AEC11/ ALGEBRA	19	11	08	-	-	-

  
Dept. Exam In-charge

  
H.O.D.

  
Dean

\* Separate Table to be used for every Test/End semester exam during the Period; attach additional sheets, if required.

H.O.D.  
DEPARTMENT OF MATHEMATICS  
PRIST DEEMED TO BE UNIVERSITY  
THANJAVUR - 613 403

School of Arts & Science  
Ponnaiyah Ramajayam Institute of  
Science & Technology ( PRIST )  
Deemed to be University  
Vellam, Thanjavur - 613 403.

Any innovation/best practice followed in teaching methodology can be described below:

- |   |
|---|
| <ul style="list-style-type: none"> <li>➤ Project Based Learning.</li> <li>➤ Visual Based Learning.</li> <li>➤ Use of AI.</li> <li>➤ Blended Learning</li> <li>➤ 3D Printing</li> <li>➤ Use the Design-thinking Process</li> </ul> |
|---|

- Personalized Learning
- Active Learning

### Part III – Summary of Self Evaluation

#### Strengths of the faculty

- ❖ Having strong communication and interpersonal skills
- ❖ Being an active listener
- ❖ Collaborative
- ❖ Adaptable
- ❖ Engaging and enthusiastic
- ❖ Empathetic
- ❖ Patient
- ❖ Real-world learning is prioritized
- ❖ Great teachers share their best practices
- ❖ Never stops learning
- ❖ Has strong organizational skills
- ❖ Passion for Teaching
- ❖ Problem-solvers

#### Challenges before the faculty

- ✓ The challenges students encounter when face-to-face learning was implemented include **DIFFICULTIES WITH SELF REGULATION, COMMUNICATION AND LOWER LEVELS OF MOTIVATION AND ENGAGEMENT**
- ✓ The biggest challenges facing education today include the **LOW QUALITY OF HUMAN RESOURCES**, the need to adapt to the fast-changing digital world, the discrepancy between classroom learning and the reality outside, and the transformation brought by new technologies.

Date: 10-05-2023

  
Signature of Faculty

H.O.D.

DEPARTMENT OF MATHEMATICS  
PRIST DEEMED TO BE UNIVERSITY  
THANJAVUR - 613 403



Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:

Good.

Signature of HoD with name/date  
(Dr. S. Subramanian)

Remarks of the Dean

- Good -

Signature of Dean with name/date

Dean (Dr. L. CHINNAPPA)  
School of Arts & Science  
Ponnaiyah Ramajayam Institute  
Science & Technology (PRIST)  
Deemed to be University  
Vallam, Thanjavur - 613 403.

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean

Signature of the faculty with name/date  
(Dr. S. Subramanian)

Forwarded to the Registrar

Signature of Dean with name/date

Dean (Dr. L. CHINNAPPA)  
School of Arts & Science  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Deemed to be University  
Page 8 of 8 Thanjavur - 613 403.

REGISTRAR,  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST),  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956)  
THANJAVUR - 613 403, TAMIL NADU.



PONNAIYAH RAMAJAYAM INSTITUTE OF SCIENCE & TECHNOLOGY

**PRIST DEEMED UNIVERSITY**

Vallam, Thanjavur.

## Self-Appraisal Report

(For the period from 2022 to 2023)

Part I: Personal Data	
Name of the Faculty Member	Dr. B. Vibitha bala
Date of Birth	08.01.1992
Assessment period	From(2022 to 2023)
Designation& Date of joining PRIST	Assistant Professor &11.02.2020
Date of appointment to current designation	
Highest educational qualification (Mention specifically if any higher educational qualification is obtained during the assessment period)	Ph.D.
Details of leave availed during the assessment period	12

**Part II: SELF ASSESSMENT****II-A: Research Component\***

Sl. No.	Activity	Details
1.	Patent(s) / technology developed and awaiting patenting	Nil
2.	Technology developed and duly recognized by Competent Authority	Nil
3.	Technology upgradation and duly recognized by Competent Authority	Nil
4.	Book / Monograph Published	<b>1. Book title :</b> Pomology guide <b>Chapter:</b> Pest and disease management of fruit trees <b>2. Book title:</b> Guide to plantation, medicinal and aromatic crops <b>Chapter:</b> Processing of plantation crops <b>3. Book title:</b> Adoption, Innovation and diffusion process <b>Chapter:</b> Innovation in organization <b>4. Book title:</b> Apiculture techniques <b>Chapter:</b> Honey harvesting and extraction techniques <b>5. Book title:</b> Helpful and harmful insects <b>Chapter:</b> Soil builders <b>6. Book title:</b> Sericulture & Lac culture techniques <b>Chapter:</b> Economic classifications of insects <b>7. Book title:</b> Dryland Agriculture <b>Chapter:</b> Choice of crops and varieties in dryland agriculture <b>8. Book title:</b> Book of weed management <b>Chapter:</b> Herbicide spraying equipments
5.	Peer reviewed paper (international)**	Nil
6.	Peer reviewed Report (International)	Nil
7.	Peer reviewed paper (National)	Nil



8.	Peer reviewed Report (National)	Nil
9.	Research Report / Technical Manual / Final Technical Report / Technical Proceedings of the Seminar / Workshop (Editing of technical papers / presentation)	Nil
10.	Participation in International Seminar as key presenter / key-note speaker	Nil
11.	International Seminar / Workshop Paper Presentation	Nil

\* Pls. add additional sheets wherever necessary

\*\* It is expected of every faculty to publish minimum 2 papers every year in indexed journals.

12.	International Seminar / Workshop Poster Presentation	Nil
13.	Participation in National Seminar as key presenter / keynote speaker	Nil
14.	National Seminar / Workshop / Paper Presentation	Nil
15.	National Seminar / Workshop Poster Presentation	Nil
16.	Ph.D.s produced in the capacity as Guide / Co-Guide	Nil

17.	M.Phil / M.Tech Dissertation supervision done	Nil
18.	Other Dissertation / Supervision done	Nil
19.	International funded project formulation including its approval by funding agencies	Nil
20.	National funded project formulation and its approval by funding agency	Nil
21.	Peer recognized International and National awards / Fellowships	Nil

\* Pls. add additional sheets wherever necessary

**II-B – Extension and Education**

Sl. No.	Activity	Details
1.	Organizing training as course director / coordinator for various users/stakeholders / Developing training material for various courses	Nil
2.	Assisting in organizing training for users/stakeholders	Nil
3.	Conducting diploma / PG Diploma courses of the PRIST University as Course Coordinator (as reflected in feedback assessment)	Nil
4.	Organizing International Workshop/Seminar for Institution as convener / Organizing Secretary	Nil
5.	Organizing National/International Workshop/Seminar for PRIST as committee member	Nil

6.	Teaching input in PRIST Deemed to be University	Pls.furnish information in the format as found in page 6.
7	Industry connect established (It is expected of every faculty to be in active touch with minimum 2 industries)	Nil
8.	Technical services for identification / testing of various kind of samples/species	Nil
9.	On site demonstration of technology to the users / Establishment of Demonstration plots / field trial	Nil
10.	Preparation and printing of extension material (pamphlets/brochures, booklet etc.)	Nil
11.	Completion of projects assigned by various funding agencies	Nil

\* Pls. add additional sheets wherever necessary

### II – C: Institutional Research Management Component

Sl. No.	Activity	Details
1.	Planning and Implementation of Institutional Infrastructure projects and Research Support System (equipment/information system / Infrastructure/ Civil Works etc.)	Nil
2.	Organizing technical meetings related to the research management	Nil
3.	Bringing out Proceedings of meetings related to research Management	Nil
4.	Development & implementation Research Information Management through E-governance	Nil
5.	Preparation and submission of	Nil



	consultancy projects and receipt of award of consultancy projects	
6.	Execution/completion of consultancy project	Nil
7.	Technical and Advisory Services to other agencies including International	Membership in AISA (All India Students Association) Agricultural Scientific Tamil Society
8.	Extension Services rendered using Research output	Nil

**\* Pls. add additional sheets wherever necessary**

**RESULTS OF INTERNAL TESTS & UNIVERSITY EXAMINATIONS\***

CAMPUS: Main Campus

SCHOOL/DEPT: SCHOOL OF AGRICULTURE

NAME OF THE FACULTY: Dr.B.VIBITHA BALA

TEST No./ END SEM.EXAM (Month/Yr) \*: May/2023

S.No	Code/Courses/Class Handled	Total Class Strength	No. of students scored (marks)				
			100% ≤ 80%	79% ≤ 60%	59% ≤ 50%	49% ≤ 35%	34% ≤ 0
1	18 AGM 101-Agricultural microbiology	52	34	8	6	4	-

*K. Shri*  
Dept.Exam i/c

*Shri*  
HEAD  
School of Agriculture  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Vellore, Tamil Nadu  
Approved by the UGC  
No. 1 of 2015  
AVTR - 613 403, 2

*Shri*  
DEAN  
School of Agriculture  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Vellore, Tamil Nadu  
Approved by the UGC  
No. 1 of 2015  
AVTR - 613 403, 2

\* Separate Table to be used for every Test/End semester exam during the Appraisal Period; attach additional sheets, if required.

Any innovation/best practice followed in teaching methodology can be described below:

\* Pls. add additional sheets if necessary

Nil

### Part III – Summary of Self Evaluation

#### Strengths of the faculty

The faculty exhibits a profound dedication to teaching and research, blending academic expertise with real-world applications. One of their key strengths is the ability to create a dynamic learning environment where students are encouraged to think critically, engage actively in discussions, and develop practical skills. Their teaching methodology is innovative, utilizing modern technological tools and interactive learning strategies to make complex topics accessible.

In research, the faculty consistently demonstrates expertise in their field, contributing to the academic community with impactful publications and projects. Their collaborative approach to research encourages interdisciplinary work and fosters partnerships with both national and international institutions. This broadens students' exposure and enriches their academic experience.


The faculty's commitment to student development is evident in their mentoring role. They offer guidance, not only in academic pursuits but also in personal growth, fostering an environment where students feel supported and motivated to excel. Their ability to balance teaching, research, and administrative duties reflects their strong organizational and leadership skills.

Additionally, their proactive involvement in community service and extension activities underscores their dedication to using academic knowledge for societal benefit, contributing to the overall mission of the institution.

#### Challenges before the faculty

Pursuing a PhD presents numerous challenges for faculty, particularly in balancing academic responsibilities with research demands. One of the foremost difficulties is managing time between teaching, administrative duties, and personal research. The need to meet institutional commitments, such as curriculum design, student mentoring, and departmental work, often leaves limited time for focused research, slowing progress. Another significant challenge is navigating the complexities of research, from identifying a novel problem to gathering data, analyzing results, and publishing findings. The pressure to contribute original, high-impact work can be daunting, especially when coupled with limited access to advanced resources or funding. Collaborative research can also pose challenges, as working with peers across disciplines, institutions, or countries requires effective coordination, communication, and sometimes compromises in terms of research direction or methodology. Finally, staying updated with rapidly advancing knowledge and technology in one's field is essential, yet time-consuming. Faculty must continually adapt to new methodologies, software, and theoretical frameworks to ensure their research remains relevant and impactful. Despite these hurdles, perseverance, time management, and support from peers and institutions help faculty overcome these challenges to achieve success in their PhD journey.

Date:05.06.2023

  
Signature of Faculty



**Remarks of the HoD on the performance, strengths and opportunities for the improvement of the faculty:**

The faculty member has consistently demonstrated a high level of dedication and performance in both teaching and research. Their expertise in agricultural sciences, combined with an innovative teaching approach, has significantly enhanced the learning experience for students. The use of real-world case studies and practical demonstrations in the classroom has made complex agricultural concepts more accessible and engaging for students. Additionally, their involvement in research projects related to sustainable farming practices and bioenergy highlights their contribution to the advancement of the agricultural sector. One of the key strengths of this faculty member is their strong connection with the farming community. Their proactive involvement in extension activities, workshops, and farmer training programs reflects a commitment to bridging the gap between academic research and practical agricultural applications. This not only benefits the local community but also adds value to the university's outreach initiatives. However, there is an opportunity for the faculty member to further strengthen their research output through increased publication in high-impact journals. While they have shown great potential in research, focusing more on interdisciplinary collaborations and securing external funding can elevate the scope and impact of their work. Continued professional development in emerging agricultural technologies will also enhance their teaching and research capabilities.

*A. Sathyanvelu*  
05/06/23

Signature of HoD with name/date

(Dr. A. SATHYANVELU)  
HEAD

School of Agriculture  
Ponnaiyali Ramajayam Institute of  
Science & Technology (PRIST)  
Institution Deemed to be University  
U/s 2 of the UGC Act, 1956  
THANJAVUR - 613 403, TAMIL NADU

**Remarks of the Dean**

The unwavering dedication and hard work of the agriculture staff in advancing both academic and research excellence within the department. Your commitment to nurturing young minds and driving innovation in the agricultural sector is truly commendable. The significant contributions you have made to the institution, whether through teaching, research, or extension activities, continue to elevate the department's reputation. As we face evolving challenges in agriculture, your expertise and passion will be pivotal in finding sustainable solutions. Keep up the outstanding work, and let's strive together for even greater achievements in the future.

*[Handwritten Signature]*  
05/06/23

**Signature of Dean with name/date**  
**DEAN**

School of Agriculture  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Institution Deemed to be University  
U/s 3 of the UGC Act, 1956  
THANJAVUR - 613 403, TAMIL NADU

I have read and I agree with the aforesaid 'Remarks' by my HoD and the Dean

*[Handwritten Signature]*  
05/06/23

**(Dr.B.VIBITHA BALA)**  
**Signature of the faculty with name/date**

Forwarded to the Registrar

*[Handwritten Signature]*  
05/06/23

**Signature of Dean with name/date**  
**DEAN**

School of Agriculture  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
Institution Deemed to be University  
U/s 3 of the UGC Act, 1956  
THANJAVUR - 613 403, TAMIL NADU

*[Handwritten Signature]*  
**REGISTRAR,**  
Ponnaiyah Ramajayam Institute of  
Science & Technology (PRIST)  
(Institution Deemed to be University  
U/s 3 of the UGC Act, 1956).  
THANJAVUR - 613 403, TAMIL NADU.