

## Profile

### **Name with Designation and Department**

**Dr. S. Mrudula**

Academic Consultant  
Department of Microbiology  
University College  
Palamuru University, Mahabubnagar  
Telangana, 509 001.



### **Personal Details:**

**Full Name** : **Dr. S. Mrudula**

**Father's Name** : Dr. S. Madhava Rao

**Date of Birth** : 10-12-1969

**Place of Birth** : Mahabubabad (Dist. Warangal)

**Social Status** : OC

**Marital Status** : Married

**Nationality** : Indian

**Languages known** : English, Telugu and Hindi

**Email id** : somamrudula@gmail.com

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**Permanent Address** : #117, Block –II, R.V's Madhava Brindhavan Apts,  
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**Address for  
Communication** : 117, Block –II, R.V's Madhava Brindhavan Apts,  
Chandanagar, Hyderabad, 500 050.

**1. Educational Qualifications (starting with highest degree obtained)**

Sl. No.	Examination/ Degree	Name of Board/University	Percentage of marks/Grade	Discipline/Subject(s)	Year of Passing
1.	Ph.D	Osmania University	-	Microbiology	April, 2002
2.	M.Sc.	Kakatiya University	72.4 First class with distinction	Microbiology	April, 1995
3.	B.Sc.	Kakatiya University	73 First class	Botany-Zoology-Chemistry	April, 1993
4.	Intermediate	Govt. Pingle College for women, Warangal	70.8 First class	Botany-Zoology-Physics-Chemistry	April, 1989
5.	S.S.C	Fatima Girl's High School, Kazipet, Warangal.	72% First class	Hindi,English, Mathematics, General science, Social studies, Telugu.	April, 1987

**2. Title of Ph.D. Thesis:** Thermostable Amylolopullulanase production in submerged and solid state fermentation by *Clostridium thermosulfurogenes* SVM17.

**(i) Date & Year of award:** 02-05-2002

**University:** Osmania University

**3. Whether Qualified UGC/CSIR/JRF/SET:** NET **Qualifying date of test:** November, 1995

**4. Experience:**

**(i) Teaching :** 12 years 10 months & 19days

**(ii) Research (Excluding M. Phil. /Ph.D. Research) :** 12 Years

**(iii) Total:** 12 years 10 months & 19 days

### 5. Details of Employment (in chronological order starting with most recent)

Sl. No.	Name of the Employer	Status of the Institute/University (Govt./Quasi Govt./Autonomous/Private)	Post held/Designation	Period of Employment	Pay band/ Scale and Grade Pay
1.	Palamuru University	Autonomous	Academic Consultant	04-08-2011 - Present	Consolidated Present pay Rs. 26,000/PM
2.	M.G.R. College, Hosur, Tamilnadu	Private	Lecturer	13-06-2005- 30-04-2011	Rs. 15,910 as Basic + Rs. 6000 as Grade pay
3.	L. N. Gupta Evening College of Arts and Science, Charkaman,hyderabad	Private	Part-time Lecturer	05-08-1995-31-05-1996	Consolidated pay – Rs.2,500/PM

### 6. Academic Experience:

Sl. No.	Designation	Organization/Institute/University	Period
1.	Academic Consultant	Palamuru University	04-08-2011-Present
2.	Lecturer	M.G. R. College, Hosur, Tamilnadu	13-06-2005-30-04-2011
3.	Part-time Lecturer	L. N. Gupta Evening College of Arts and Science, Charkaman,hyderabad	05-08-1995-31-05-1996

### 7. Publications: Type of Publication (Books/Book Chapters / /Research Article)

Sl. No.	Details	Authorship (first/ corresponding)	ISSN/ ISSB
1.	<b>S. Mrudula (2014).</b> Microbial Cellulases. <i>In Business Management, Educational Aspects, Social Sciences and Science and Technology.</i> Omprakash, Someshwar, Arjun	<b>Single author</b>	ISBN: 978-93-84224-05-9

	Kumar and Raja V N R Vukanti. Eds. Victorious Publishers, India. 244-251.		
2.	S. Mrudula, V. Maheswari, K. Ashwitha and P. Pavan Kumar (2013). Optimization of Culture Conditions for the Production of Polygalacturonase by <i>Phanerochaete chrysosporium</i> and <i>Aspergillus fumigatus</i> . <i>Current Trends in Biotechnology and Pharmacy</i> . 7 (1): 527-534.	First author	ISSN: 0973-8916 (Print), 2230-7303 (Online)
3.	S. Mrudula, A. Ahmad, K. Ashwitha and P. Pavan Kumar (2013). A Comparative Study of <i>Helicobacter Pylori</i> , Biopsy Samples from Different Gastric Lesions with Triple Staining and Modified Giemsa Staining. <i>International Journal of Bioassays</i> . 02 (02): 453-456.	First author	ISSN: 2278-778X
4.	V. Veeramanikandan, S. Mrudula, R.Yuvaraj and P. Balaji (2013). Optimization of Bacterial Poly-β-Hydroxy Butyrate 5.(PHB) Production by <i>Alcaligenes latus</i> MTCC 2311 using Central Composite Design. <i>International Journal of Computer Applications</i> . 68 (25): 33-41.	Co author	ISSN: 0975-8887
5.	V. Veeramanikandan, S. Mrudula, R.Yuvaraj and P. Balaji (2013). Optimization of Bacterial Poly-β-Hydroxy Butyrate (PHB) Production from Different Industrial Waste using Central Composite Design. <i>International Journal of Computer Applications</i> . 62 (14): 27-34.	Co author	ISSN: 0975-8887
6.	S. Mrudula, N. Aswini, K. Ashwitha and Pavan Kumar Pindi (2012). Optimization of Culture Conditions for Production of β-Galactosidase by <i>Kluyveromyces marxianus</i> NCIM 1551. <i>Current Trends in Biotechnology and Chemical Research</i> . 2 (2): 74-78.	First author	ISSN :2249-4073
7.	S. Mrudula, A. Apsana Begum, K. Ashwitha and Pavan Kumar Pindi (2012). Enhanced Production of Alkaline Protease by <i>Bacillus subtilis</i> in Submerged Fermentation. <i>International Journal of Pharma and Biosciences</i> . 3 (3) (B): 619-631.	First author	ISSN: 0975-6299

8.	<b>S. Mrudula</b> and Nidhi Shyam. (2012). Immobilization of <i>Bacillus megaterium</i> MTCC 2444 by Ca-alginate Entrapment Method for Enhanced Alkaline Protease Production. <i>Brazilian Archives of Biology and Technology</i> . 55(1): 135-144.	<b>First and corresponding author</b>	ISSN: 1516-8913
9.	R. Chaithanya, CM. Akila Bhagavathy and <b>S. Mrudula</b> . (2012). Optimization of Process Parameters and Leaching Conditions Affecting Protease Production under Solid State Fermentation. <i>Asian Journal of Microbiology, Biotechnology and Environmental Science</i> . 14 (1): 87-94.	<b>Corresponding author</b>	ISSN: 0972-3005
10.	<b>S. Mrudula</b> , Gopal Reddy and G. Seenayya. (2011). Screening of Various Raw Starches on Production of Thermostable Amylopullulanase by <i>Clostridium thermosulfurogenes</i> SVM17. <i>World Applied Sciences Journal</i> . 15 (7 ): 996-1001.	<b>First and corresponding author</b>	ISSN: 1818-4952
11.	<b>S. Mrudula</b> , Gopal Reddy and G. Seenayya. (2011). Extraction Optimization of Thermostable Amylopullulanase from <i>Clostridium thermosulfurogenes</i> SVM17 through Solid State Fermentation using RSM. <i>International Journal of Biotechnology and Bioengineering Research</i> . 2(1): 29-44.	<b>First and corresponding author</b>	ISSN: 2231-1238
12.	C. M. Akila Bhagavathy, K. Vanitha, and <b>S. Mrudula</b> . (2011). Impact of Process Parameters on Alkaline Protease Production by <i>Bacillus subtilis</i> in Submerged Fermentation. <i>Advanced Biotech</i> . 10 (7): 31-34.	<b>Corresponding author</b>	ISSN: 0973-0109 (Print), 2319-6750 (Online)
13.	<b>S. Mrudula</b> , Gopal Reddy and G. Seenayya. (2011). Purification and Characterization of highly Thermostable Amylopullulanase from a Thermophilic, Anaerobic Bacterium <i>Clostridium thermosulfurogenes</i> SVM17. <i>Malaysian Journal of Microbiology</i> . 7 (2): 97-106.	<b>First and corresponding author</b>	ISSN: 1823-8262 (Print), 2231-7538 (Online)
14.	<b>S. Mrudula</b> , Gopal Reddy and Seenayya G. (2011). Effect	<b>First and corresponding</b>	ISSN 1823-8262(Print), 2231-

	of Substrate and Culture Conditions on the Production of Amylase and Pullulanase by Thermophilic <i>Clostridium thermosulfurogenes</i> SVM17 in Solid State Fermentation. <i>Malaysian Journal of Microbiology</i> . 7 (1): 19-25.	<b>author</b>	7538(Online).
<b>15.</b>	<b>S. Mrudula</b> and Rangasamy Murugammal. (2011). Production of Cellulase by <i>Aspergillus niger</i> under Submerged and Solid State Fermentation Using Coir Waste as a Substrate. <i>Brazilian Journal of Microbiology</i> . 42: 1119-1127.	<b>First and corresponding author</b>	ISSN: 1517-8382
<b>16.</b>	<b>S. Mrudula</b> and R. Anitharaj. (2011). Pectinase Production in Solid State Fermentation by <i>Aspergillus niger</i> using Orange Peel as Substrate. <i>Global Journal of Biotechnology &amp; Biochemistry</i> . 6 (2): 64-71.	<b>First and corresponding author</b>	ISSN: 2078- 466X
<b>17.</b>	<b>S. Mrudula</b> , Gopal Reddy and G. Seenayya. (2011). Optimization of Medium Components Using Response Surface Methodology for Production of Thermostable Amylopullulanase in Submerged Fermentation by <i>Clostridium thermosulfurogenes</i> SVM17. <i>Malaysian Journal of Microbiology</i> . 7 (4): 181-191.	<b>First and corresponding author</b>	ISSN: 1823-8262 (Print), 2231-7538 Online)
<b>18.</b>	<b>S. Mrudula</b> and S. Vinoth Kumar. (2010). Wheat Flour, A Potential Source of Amylase Production by <i>Bacillus megaterium</i> MTCC 2444. <i>Advanced Biotech</i> . 10 (4): 41-45.	<b>First and corresponding author</b>	ISSN: 0973-0109 (Print), 2319-6750 (Online)
<b>19.</b>	<b>S. Mrudula</b> and N. Sowmya. (2010). Solid State Fermentation for Enhanced Production of $\alpha$ -Amylase by <i>Bacillus megaterium</i> MTCC 2444 Using Green gram bran. <i>Online Journal of Biotechnology Research</i> . 2 (2): 38-46.	<b>First and corresponding author</b>	ISSN: 0975-1734
<b>20.</b>	<b>S. Mrudula</b> and R. Nethravathi. (2010). Optimization of Culture Conditions for Alkaline Protease Production by	<b>First and corresponding author</b>	ISSN: 0973-0109 (Print), 2319-6750

	<i>Bacillus subtilis</i> NCIM 2063 in Submerged Fermentation. <i>Advanced Biotech.</i> 9 (9): 15-19.	author	(Online)
21.	<b>Mrudula, S</b> and Nidhi Shyam (2010). Prevalence of dangerous 'O' group among blood donors. <i>Research Journal of Biological Sciences.</i> 2:20-24.	First and corresponding author	ISSN : 0974-4177
22.	<b>S. Mrudula</b> and R. Kokila (2010). Production of Thermostable $\alpha$ -Amylase by <i>Bacillus cereus</i> MK in Solid State Fermentation: Partial Purification and Characterization of the Enzyme. <i>The Internet Journal of Microbiology.</i> 8(1): 1-28.	First and corresponding author	ISSN: 1937-8289
23.	<b>S. Mrudula</b> and P. Alvin. (2010). Impact of Process Parameters on Amylase Production by <i>Bacillus</i> sp. in Solid State Fermentation. <i>Advanced Biotech.</i> 9(12): 11-14.	First and corresponding author	ISSN: 0973-0109 (Print), 2319-6750 (Online)
24.	<b>S. Mrudula</b> and Suhasini Kamaraj (2010). Detection of Human Papilloma Virus in Cervical Gradings by Immunohistochemistry and Typing of HPV16 and 18 in High Grades by Polymerase Chain Reaction. <i>Journal of Laboratory Physicians.</i> 2(1): 31-36.	First and corresponding author	ISSN: 0974-2727
25.	<b>S. Mrudula</b> , Gopal Reddy and G. Seenayya. (2010). Screening of Medium Components for Production of Thermostable Amylopullulanase by <i>Clostridium thermosulfurogenes</i> SVM17 in Submerged Fermentation Using Plackett-Burman Design. <i>Asian Journal of Microbiology Biotechnology and Environmental Science,</i> 12(3): 489-494.	First and corresponding author	ISSN: 0972-3005
26.	R. Kokila and <b>S. Mrudula.</b> (2010). Optimization of Culture Conditions for Amylase Production by Thermophilic <i>Bacillus</i> sp. in Submerged Fermentation. <i>Asian Journal of Microbiology Biotechnology and Environmental Science,</i> 12(3): 653-658.	Corresponding author	ISSN: 0972-3005
27.	<b>S. Mrudula</b> and R. Kalaivani. (2010). Optimization of Citric acid Production in Solid State Fermentation by	First and corresponding	ISSN : 0975-1734

	<i>Aspergillus niger</i> NCIM 545. <i>Online Journal of Biotechnology Research</i> . 2(1): 07-12.	<b>author</b>	
<b>28.</b>	<b>S. Mrudula</b> and R. Rosary. (2010). Effect of Immobilization Conditions for the Enhanced Production of Amylase by <i>Bacillus</i> sp. <i>Online Journal of Biotechnology Research</i> . 2(1): 13-18.	<b>First and corresponding author</b>	ISSN : 0975-1734
<b>29.</b>	<b>S. Mrudula</b> . (2010). Optimization of Thermostable Amylopullulanase Production in Solid State Fermentation by <i>Clostridium thermosulfurogenes</i> SVM17 through Plackett-Burman and Response Surface Methodological Approaches. <i>Malaysian Journal of Microbiology</i> . 6(2): 181-195.	<b>Single author</b>	ISSN 1823-8262 (Print), 2231-7538 (Online)
<b>30.</b>	P. Rama Mohan Reddy, B. Ramesh, <b>S. Mrudula</b> , Gopal Reddy and G. Seenayya. (2003). Production of Thermostable $\beta$ -Amylase by <i>Clostridium thermosulfurogenes</i> SV2 in Solid State Fermentation: Optimization of Nutrient Levels Using Response Surface Methodology. <i>Process Biochemistry</i> . 39: 267-277.	<b>Co author</b>	ISSN : 1359-5113
<b>31.</b>	P. Rama Mohan Reddy, <b>S. Mrudula</b> , B. Ramesh, Gopal Reddy and G. Seenayya. (2000). Production of thermostable Pullulanase by <i>Clostridium thermosulfurogenes</i> SV2 in solid State Fermentation: Optimization of Enzyme Leaching Conditions Using Response Surface Methodology. <i>Bioprocess Engineering</i> . 23:107-112 The present journal title is <i>Bioprocess and Biosystems Engineering</i> .	<b>Co author</b>	ISSN: 1615-7591(Print), 1615-7605 (Online)



### 8. Paper Presentations in Conference / Seminar / Workshops:

Sl. No.	Paper Title	Details of the Conference / Seminar/Workshop	Type of Presentation (Oral/Poster)
1.	<b>Mrudula S, Latha J, Yuvaraj R and Pavan Kumar P (2017)</b> Production and purification of thermostable xylanase by thermophilic <i>Bacillus</i> sp. utilizing wheat bran and maize bran as substrates.	Abstract page no. 273.  International Conference on “Biotechnology and Bioengineering-Trends” held during 23 <sup>rd</sup> - 25 <sup>th</sup> March <b>2017</b> at JNTU, Hyderabad, Telangana, India.	Oral Presentation
2.	Priya N, Yuvaraj R and <b>Mrudula S (2016)</b> Optimization of culture conditions for the production of lipase by bacteria and fungi. 22	(Abstract no. RP 10).  National seminar on “Recent Advanced in Food Biotechnology” held on 17 <sup>th</sup> and 18 <sup>th</sup> February <b>2016</b> at Bhavan’s Vivekananda College, Sainikpuri, Secunderabad, Telangana.	Poster Presentation
3.	Shanthi S and <b>Mrudula S (2015)</b> Microbiological assay of pharmaceutical products against suitable test organisms by cup plate technique.	(Abstract no. PP-22).  National conference on “New Vistas of Chemistry: An Interdisciplinary Approach” held on 11 <sup>th</sup> and 12 <sup>th</sup> March <b>2015</b> at Department of Chemistry and 5 year- integrated Chemistry, Palamuru University, Mahabubnagar, Telangana.	Poster
4.	<b>Mrudula S, Latha J and Pavan Kumar P (2014)</b> Utilization of different agro-wastes for the production of thermostable xylanase using thermophilic <i>Bacillus</i> sp.	(Abstract no. PO-17).  National seminar on “Current Developments in Food and Agricultural Microbiology” held on 30 <sup>th</sup> and 31 <sup>st</sup> October <b>2014</b> at Department of Microbiology, St. Pious X Degree and P. G. College for women, Nacharam, Hyderabad, Telangana.	Poster
5.	Veeramanikandan, V. and <b>S. Mrudula (2012)</b> Utilization of	(Abstract no. 45).	Poster

	different industrial wastes for the production of poly- $\beta$ -hydroxybutyrate (PHB) from bacteria isolated from activated sludge.	National seminar on “Microbial Diversity-Potential Applications” held on 28 <sup>th</sup> and 29 <sup>th</sup> January <b>2012</b> at Department of Microbiology, Palamuru University, Mahabubnagar, A.P.	
<b>6.</b>	Aswini N and <b>Mrudula S (2012)</b> Production of polygalacturonase by <i>Phanerochaete chrysosporium</i> and <i>Aspergillus fumigatus</i> using wheat bran as substrate.	(Abstract no. 79). National seminar on “Microbial Diversity–Potential Applications”, held on 28 <sup>th</sup> and 29 <sup>th</sup> January <b>2012</b> at Department of Microbiology, Palamuru University, Mahabubnagar, A.P.	Poster
<b>7.</b>	Maheswari V and <b>Mrudula S (2012)</b> , Production of $\beta$ -galactosidase from whey using <i>Kluyveromyces Marxianus</i> NCIM 1551.	(Abstract no. 80). National seminar on “Microbial Diversity–Potential Applications” held on 28 <sup>th</sup> and 29 <sup>th</sup> January <b>2012</b> at Department of Microbiology, Palamuru University, Mahabubnagar, A.P.	Poster
<b>8.</b>	Apsana Begum A and <b>Mrudula S (2012)</b> Enhanced production of alkaline protease by a newly isolated strain of <i>Bacillus subtilis</i> MA in submerged fermentation.	(Abstract no. 86). National seminar on “Microbial Diversity–Potential Applications” held on 28 <sup>th</sup> and 29 <sup>th</sup> January <b>2012</b> at Department of Microbiology, Palamuru University, Mahabubnagar, A.P.	Poster presentation
<b>9.</b>	Veeramanikandan V and <b>Mrudula S (2012)</b> Microbial production of poly- $\beta$ -hydroxybutyrate (PHB) from activated sludge.	(Abstract no. 28). National seminar on “Challenges, Opportunities and Emerging Trends in Microbial Technology” held on 26 <sup>th</sup> and 27 <sup>th</sup> March <b>2012</b> at Department of Microbiology, Kakatiya University, Warangal, A.P.	Poster
<b>10.</b>	<b>Mrudula S</b> and Anitharaj R	(Abstract no. RP 6).	Poster

	(2010) Pectinase production in solid state fermentation by <i>Aspergillus niger</i> using orange peel as substrate.	National seminar on “Emerging trends in Science” held in October 2010 at Bhavan’s Vivekananda College, Sainikpuri, Secunderabad,	
11.	<b>Mrudula S</b> , Gopal Reddy and Seenayya G (2010) Production of an amylopullulanase-degrading raw starch by <i>Clostridium thermosulfurogenes</i> SVM17.	(Abstract no. RP 8). National seminar on “Emerging trends in Science” held in October 2010 at Bhavan’s Vivekananda College, Sainikpuri, Secunderabad, A.P .	Poster
12.	<b>Mrudula S</b> and Nidhi Shyam (2010) Immobilization of <i>Bacillus megaterium</i> MTCC 2444 by Ca-alginate entrapment method for enhanced alkaline protease production. (Abstract no. RP 12). Presented at National seminar on “Emerging Trends in Science” held in October, at Bharatiya Vidya Bhavans- Secunderbad , A.P.	(Abstract no. RP 12). National seminar on “Emerging Trends in Science” held in October 2010 at Bhavan’s Vivekananda College, Sainikpuri, Secunderabad, A.P.	Poster
13.	<b>Mrudula S.</b> (2005). Hydrogen production using immobilized enzyme systems.	National Conference on “Emerging Trends in Environmental Biotechnology” held during 10 <sup>th</sup> -12 <sup>th</sup> March 2005 at SIES College of Arts, Science and Commerce, Navi Mumbai, Maharashtra	Poster Presentation
14.	<b>Mrudula S</b> , Swamy MV and Seenayya G. (2001). Production of thermostable amylopullulanase by an anaerobic, thermophilic bacterium <i>Clostridium</i>	(Abstract no. IB-12). International Conference on “New Horizons in Biotechnology (NHBT)”, held during 18 <sup>th</sup> -21 <sup>st</sup> April 2001 at RRL, Trivandrum, India.	Poster

	<i>thermosulfurogenes</i> SVM17 under solid state fermentation.		
<b>15.</b>	<b>Mrudula S, Swamy MV and Seenayya G. (2000).</b> Thermostable $\beta$ -amylase and pullulanase production by <i>Clostridium thermosulfurogenes</i> SVM17 under solid state fermentation.	(Abstract no. FP-P42). International Conference on “Microbial Biotechnology Trade and Public policy (ICMBT)”, held during 15 <sup>th</sup> - 17 <sup>th</sup> July 2000 at Department of Microbiology, Osmania University, Hyderabad, India.	Poster presentation
<b>16.</b>	<b>Mrudula S, Swamy MV and Seenayya G. (1999).</b> Maltose and maltooligosaccharides forming thermostable enzymes from thermophilic anaerobic bacteria.	(Abstract no. 18). National Symposium on “Perspectives in Biotechnology”, held during 26 <sup>th</sup> & 27 <sup>th</sup> February 1999 at Department of Botany, Kakatiya University, Warangal, A.P.	Poster presentation
<b>17.</b>	<b>Mrudula S, Swamy MV and Seenayya G. (1998).</b> Screening of thermophilic anaerobic and amylolytic bacteria for the production of maltose and maltooligosaccharides.	(Abstract no. TS-1297). “Indian Chemical Engineering Congress- 98 (CHEMCON)”, held during 16 <sup>th</sup> -19 <sup>th</sup> December 1998 at Department of Chemical Engineering, Andhra University, Vishakhapatnam, A.P.	Poster presentation
<b>18.</b>	<b>Mrudula S, Sudha Rani K and Seenayya G. (1997).</b> Hydrogenase and alcoholdehydrogenase activities in different ethanol yielding strains of <i>Clostridium thermocellum</i> .	(Abstract no. IB-51). “International Conference on Frontiers in Biotechnology” (ICFB), held during 26 <sup>th</sup> -29 <sup>th</sup> November 1997 at RRL, Trivandrum, India.	Poster presentation
<b>19.</b>		National Science Day celebrations on “Emerging Trends in Science and Technology”. Jointly	Participated

	-	organized by Telangana Academy of Sciences and Palamuru University, Mahabubnagar, held on 28 <sup>th</sup> February, <b>2017</b> .	
<b>20.</b>	-	National seminar on “Nano Biotechnology: Prospectives and Future in the Indian Scenario” organized by Department of Biotechnology, Adhiyamaan college of Engineering, Hosur, Tamil Nadu, held on 22 <sup>nd</sup> and 23 <sup>rd</sup> February. <b>2007</b> .	Participated
<b>21.</b>	-	National conference on “ Biotechnology in Genomics Era ” organized by Department of Biotechnology, Adhiyamaan College of Engineering, Hosur, Tamil Nadu, held on 5 <sup>th</sup> and 6 <sup>th</sup> April <b>2006</b> .	Participated

### 9. Training Courses / FDP / Refresher / Orientation Courses:

<b>Sl. No.</b>	<b>Details</b>	<b>Institution</b>	<b>Duration</b>
1.	<b>Workshop</b> on “Teacher orientation programme” held during 17 <sup>th</sup> - 30 <sup>th</sup> June, <b>2016</b> .	Palamuru University, Mahabubnagar, Telangana, India.	14 days
2.	<b>Workshop</b> on “Know your student” held on 27 <sup>th</sup> and 28 <sup>th</sup> November <b>2015</b> .	Jointly organized by Palamuru University, Mahabubnagar, Telangana and You and me counselling and PD training centre, Hyderabad, Telangana, India.	2 days
3.	<b>Workshop</b> on “Molecular Techniques” held on 19 <sup>th</sup> and 20 <sup>th</sup> August <b>2010</b> .	Organized by the Departments of Bioscience, M.G.R. College, Hosur and supported by Acme Progen Biotech (India) Pvt. Ltd. Salem, Tamilnadu, India.	2 days
4.	<b>Workshop</b> on “Molecular Biology and Genetic engineering	Organized by the Departments of Bioscience, M. G. R. College, Hosur and supported by Medox	3 days

	techniques” held during 10 <sup>th</sup> - 12 <sup>th</sup> August <b>2009</b> .	Biotech India Pvt Ltd, Chennai, Tamilnadu, India.	
5.	<b>Workshop</b> on “Recent Techniques in Molecular Biology” held on 4 <sup>th</sup> and 5 <sup>th</sup> August <b>2005</b> .	Organized by the Departments of Bioscience, M.G.R. College, Hosur and supported by Genei Pvt Ltd., Bangalore, Karnataka, India.	2 days
6.	<b>Short term training course</b> on “Fermentation strategies and Bioreactor selection”, held during April 15 <sup>th</sup> - May 1 <sup>st</sup> <b>1999</b> .	sponsored by Department of Biotechnology, Government of India at Indian Institute of Chemical Technology, Hyderabad, A.P, India.	18 days

#### 10. Full Length Papers in proceedings of Conference/Seminar (National / International)

Sl. No.	Paper Title	Details of the Conference / Seminar
1.	<b>S. Mrudula</b> , J. Latha, R. Yuvaraj and P. Pavan Kumar (2017). Production and Purification of Thermostable Xylanase by Thermophilic <i>Bacillus</i> sp. Utilizing Wheat bran and Maize bran as Substrates.	Proceedings of the TEQIP-II sponsored <b>International Conference</b> on “Biotechnology and Bioengineering – Trends” held during 23 <sup>rd</sup> - 25 <sup>th</sup> March 2017 at JNTU, Hyderabad, Telangana, India. 767-779.  <b>ISBN: 978-93-85518-10-2</b>
2.	V. Veeramanikandan, <b>S. Mrudula</b> and P. Balaji (2013) Isolation, Purification and Estimation of Exopolysaccharides (EPS) from Marine Environment.	Proceedings of the DST Sponsored 2 <sup>nd</sup> <b>National Conference</b> on “Emerging Trends and New Challenges in Biotechnology - a multidisciplinary approach” held on 19 <sup>th</sup> and 20 <sup>th</sup> February 2014 at M.G.R. College, Hosur, Tamilnadu, India. 459-467.

		<b>ISBN: 978-81-924478-0-3</b>
<b>3.</b>	G. Seenayya, Gopal Reddy, M. Sai Ram, M. V. Swamy, <b>S. Mrudula</b> , B. Ramesh and K. Sudharani. (1998). Bioconversion of Cellulosic Biomass to Ethanol Using <i>Clostridium thermocellum</i> strains.	Proceedings of the <b>International Conference</b> on “Frontiers in Biotechnology” (ICFB) held during 26 <sup>th</sup> -29 <sup>th</sup> , November, 1997 at RRL, Trivandrum, Kerala, India. <i>In Advances in Biotechnology</i> , Ashok Pandey, Ed. Educational Publishers and Distributors. India. 97-104.

### 11. Seminars / Conferences Organized:

<b>Sl. No.</b>	<b>Source of Funding</b>	<b>Seminar Title</b>	<b>Duration</b>	<b>State/ National/International</b>
1.	Palamuru University, Mahabubnagar, TS, India.	<b>Organizing Member</b> for one day Seminar on “ <b>Recent Advances in Environmental Sciences</b> ” Jointly Organized by Dept. of Botany, Organic Chemistry, Integrated Chemistry and Microbiology, held on December 24 <sup>th</sup> , <b>2013</b> .	1 Day	Local
2.	Palamuru University, Mahabubnagar, A.P, India & APSCHE, A.P, India.	<b>Organizing Member</b> for National seminar on “ <b>Microbial Diversity – Potential Applications</b> ” organized by Department of Microbiology, Palauru University, held on 28 <sup>th</sup> & 29 <sup>th</sup> January, <b>2012</b> .	2 Days	National
3.	CSIR and ICMR, New Delhi, India.	<b>Organizing Member for</b> 4 <sup>th</sup> National conference of Indian Association of Applied Microbiologists on “ <b>Emerging Trends in Biosciences</b> ” organized by Department of Bioscience, M.G.R College, Hosur, Tamil Nadu, held on 20 <sup>th</sup> & 21 <sup>st</sup> January, <b>2006</b> .	2 Days	National

## 12. Research Guidance

Sl. No.	Name of the Degree (M.Phil./Ph.D.)	Name of the University	Title of the Research	Submitted/ Awarded	Student Reg. No. & year
1.	Ph.D	<b>Periyar University</b>	Microbial production of poly- $\beta$ -hydroxyl butyrate (PHB) from industrial waste.	<b>Awarded</b>	08PHP0636 22-09-2014
2.	M. Phil	<b>Periyar University</b>	Citric acid production in solid state fermentation by <i>Aspergillus niger</i> NCIM545.	<b>Awarded</b>	07CAL2037 2006-07
3.	M.Phil	<b>Periyar University</b>	Enhanced production and extracellular activity of alkaline protease by a newly isolated strain of <i>Bacillus subtilis</i> MA in submerged fermentation.	<b>Awarded</b>	07CAL4040 2007-08
4.	M.Phil	<b>Periyar University</b>	Production of thermostable $\alpha$ -amylase by <i>Bacillus cereus</i> MK in solid state fermentation: partial purification and characterization of the enzyme.	<b>Awarded</b>	07CAL4041 2007-08
5.	M.Phil	<b>Periyar University</b>	Utilization of different agrowastes for the production of thermostable xylanase using thermophilic <i>Bacillus</i> sp.	<b>Awarded</b>	07CAL4042 2007-08
6.	M.Phil	<b>Periyar University</b>	A comparative study on substrate specificities and production of an extracellular lipase by bacteria ( <i>Serratia marcescens</i> and <i>Pseudomonas fluorescens</i> ) and fungi ( <i>Rhizopus</i> sp. and <i>Mucor</i> sp.).	<b>Awarded</b>	07CAL404 2007-08
7.	M.Phil	<b>Periyar University</b>	Optimization of culture conditions for cellulase production by <i>Aspergillus niger</i> in submerged and solid state fermentation.	<b>Awarded</b>	08CAL601 2008-09



8.	M.Phil	<b>Periyar University</b>	Detection of Human Papilloma Virus in precancerous and cancerous squamous cell malignancies of the cervix by immunohistochemistry and typing of higher grades by PCR technique.	<b>Awarded</b>	08CAL6011 2008-09
9.	M.Phil	<b>Periyar University</b>	Solid state fermentation for enhanced production of $\alpha$ -amylase by <i>Bacillus megaterium</i> MTCC2444 using green gram bran.	<b>Awarded</b>	09CAL8014 2009-10
10.	M.Phil	<b>Periyar University</b>	Immobilization of <i>Bacillus megaterium</i> MTCC2444 by ca-alginate entrapment method for enhanced alkaline protease production.	<b>Awarded</b>	09CAL8015 2009-10
11.	M.Phil	<b>Periyar University</b>	Pectinase production in solid state fermentation by <i>Aspergillus niger</i> using orange peel as substrate.	<b>Awarded</b>	09CAL8016 2009-10.

### 13. Details of Membership in Professional/Academic bodies/Societies:

S. No.	Details
1.	Applied for Life membership of Indian Science Congress Association

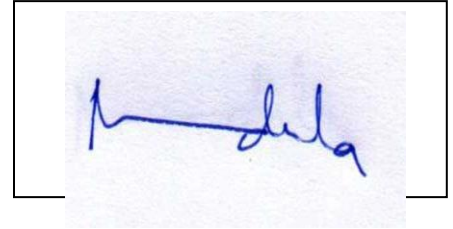
### 14. Honors and Awards

1. **University II rank in M.Sc. entrance examination -1993.**
2. **University II rank in M.Sc. (Microbiology) -1995.**
3. **Received one year SRF in CSIR sponsored project entitled “ strain improvement for thermostable microbial b- amylases and amylopullulanases” (Principal Investigator: Prof. G. Seenayya Co- Investigator : Dr. Gopal Reddy) from Osmania University during Ph. D (1998-99).**

**Declaration:**

**I hereby declare that the above information given by me is true, complete and correct to the best of my knowledge and belief and that nothing has been concealed or distorted thereof.**

**Date: 22-08-2017**



**(Dr. S. Mrudula)**