

## ***FACULTY PROFILE***



***Name*** : M. VIJAY PRADHAP SINGH

***Designation*** : ASSISTANT PROFESSOR

***Department*** : BIOTECHNOLOGY

***DoB*** : 03-12-1990

***Age*** : 30

***Address*** : No-13, KEEZHA RATHA VEETHI, S.KANANOOR,  
SAMAYAPURAM, MANACHANALLUR TALUK, TRICHY -621112

***Qualification: (highest to Lowest)***

<b>Name of the Degree</b>	<b>Specialization/ Branch</b>	<b>Year of Passing</b>	<b>Name of the College / School</b>	<b>Name of the University</b>	<b>%</b>	<b>Class</b>
M.Tech	Biotechnology	2015	Bharathidasan Institute of Technology, Anna University, Tiruchirappalli.	Anna University	8.77	First Class with Distinction
B.Tech	Biotechnology	2012	P.S.R. Engineering College, Sivakasi	Anna University	7.8	First Class

***Awards and Recognitions:***

<b>Sl. No.</b>	<b>Name of the Award</b>	<b>Awarding Organisation</b>	<b>Year of Award</b>
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***Experience: (start from recent)***

Sl. No.	Name of the Organization	Designation	Period		Experience	
			From	To	Years	Months
1.	Vivekanandha College of Engineering for women (Autonomous)	Assistant Professor	12-06-2017	Till now	4	-
<b>Teaching</b>					<b>4</b>	<b>-</b>

*Industrial Experience:*

Sl. No.	Name of the Organization	Designation	Period		Experience	
			From	To	Years	Months
-	-	-	-	-	-	-

*Grants Received:*

Sl. No.	Title of the Programme	Period	Sponsoring Agency	Amount Sanctioned
1.	“Effective and Remunerative Approach in Production of Ethanol from Seaweeds”	25-09-2017	IE(I), Salem	Rs.8000

*Journal Publications:*

*International : 4*

*National :6*

*Industrial Consultancy:*

Sl. No.	Name of the Consultancy	Name of the Industry	Revenue Generated
1.	-	-	-

*Patent Obtained: Nil*

*Conference Publications: Nil*

*Research Guidance: Nil*

Student Name & Reg.No	Course (Ph.D./ M.Phil)	University	Designation & Work place	Full Time/ Part Time	Status
-	-	-	-	-	-

***Text books/Book Chapter published:***

Sl. No.	Name of the Book	Publisher	Authors	Indexing details
1.	Coconut Shell as a Promising Resource for Future Biofuel Production	Springer	A Archana, M Vijay Pradhap Singh, S Chozhavendhan, G Gnanavel, S Jeevitha, A Muthu Kumara Pandian	3
2.	A nano-based biofuel: remedy to boost a sustainable and greener environment	Academic Press	M. Vijay Pradhap Singh, A.Archana, Sivasankaran Chozhavendhan, N.Prabhu, Murgan Rajamehala	-
3.	Biochemical Thermodynamics	GEMS Publishers	S.Karunakaran, P.Jeyavel Karthick, R. Arthe, M. Vijay Pradhap Singh	-

***Faculty Development Programme organized (Self Supporting):***

Sl. No.	Title of the Programme	Period
-	-	-

***National / International Conferences Organized:***

Sl. No.	Title of the Programme	Role	Period	No. of Participants
1.	International Conference on Technology Development on Agriculture, Energy & Environmental Engineering for	Organizing Member	20-02-2018 to 21-02-2018	450

	Green World (ICTDAEEGW'18)			
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**Value Added Courses Offered For Students:**

Sl. No.	Title of the Programme	Period	No. of Participants (Students)
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**Certifications Completed:**

**Seminars / Workshops / SDPs / FDPs / Industrial Training etc. attended (Last 5 Years):**

Sl. No.	Seminar / Workshop / STTP / SDP / FDP / Conference	Topic / Title	Organized by	Period	
				From	To
1.	FDP	Synthetic Biology	Bharathiyar University, ATAL-AICTE	14-12-2020	18-12-2020
2.	FDP	Synthetic Biology	Madurai Kamaraj University, ATAL-AICTE	30-11-2020	04-12-2020
3.	STTP	An Awareness program – Green Engineering Concepts and Treatment method for farmers in rural areas	Paavai Engineering College, Namakkal	08-11-2020	13-11-2020
4.	FDP	Green Engineering and it's Industrial Applications towards Sustainable Future	Department of Chemical Engineering, Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College	28-05-2020	30-05-2020
5.	FDP	Moodle Learning Management System	Bannari Amman Institute of Technology & Indian Institute of Technology, Bombay	18-05-2020	24-05-2020
6.	Online Course	Integrated Pest Management	SWAYAM, Indian Institute of Technology, Kanpur	21-04-2020	30-06-2020
7.	National Workshop	Hands on Training Programme in Analytical instruments – GC & HPLC	VCEW	29-01-2020	30-01-2020
8.	QIP	Biophysical methods to	Indian Institute of	02-12-	06-12-

		study structure and Functions of proteins and Nucleic acids	Science, Bangalore	2019	2019
9.	National Conference	Big Data and Machine Learning in Biomedical and Health Informatics	Karpagam Academy of Higher Education, Coimbatore	12-09-2019	13-09-2019
10.	FDP	Curious Program by IITM'S Medtech Incubator	Indian Institute of Technology Madras Research Park, Chennai	05-09-2019	06-09-2019
11.	FDP	Faculty Development Prgram	Teaching Learning Center, Indian Institute of Technology Madras	27-11-2018	29-11-2018
12.	National Seminar	National Seminar on Recent Advancements in Mariculture Technology & Agroprenuership	VCEW	24-02-2018	-
13.	National Seminar	TECHFINIX'18	Paavai Engineering College, Namakkal	02-02-2018	03-02-2018
14.	National Seminar	Effective & Remunerative Approaches for the production of Ethanol from Seaweeds	VCEW	12-10-2017	-
15.	National Seminar	Biotechnology for Promotion of Sustainable Agriculture and Organic Farming	VCEW	26-09-2017	27-09-2017
16.	Faculty Awareness Program	NBA/NAAC Accreditation Process	VCTW	01-09-2017	-

***Contributions to the Institute and Outside Institutions:***

Sl. No.	Positions held	Details of Contribution	Period

***Membership in Professional Bodies:***

S.No.	Name of the Society	Nature of Membership
1.	Indian Society of Technical Education	Life Time
2.	Asia-Pacific Chemical, Biological& Environmental Engineering Society (APCBEEES)	Life Time

***Subjects Taught:***

S. No.	Name of the Subject
1.	Biomedical Engineering
2.	Food Processing and Technology
3.	Bio-Heat and Mass Transfer
4.	System Biology
5.	Genetic Engineering
6.	Bioprocess Calculations
7.	Downstream Processing
8.	Analytical Techniques in Biochemistry
9.	Biopharmaceutical Technology and Drug Development
10.	Biochemical Thermodynamics
11.	Plant Biotechnology
12.	Biochemistry
13.	Bioprocess Engineering and Technology
14.	Food Processing and Technology Laboratory
15.	Bio-Heat and Mass Transfer Laboratory
16.	Downstream Processing Laboratory
17.	Genetic Engineering Laboratory
18.	Bioprocess Laboratory

***Industry Collaboration & MoU Signed: Nil***

***Reviewer of Journals: Nil***

***Invited Talks:***

Sl.	Name of the topic Delivered	Institute Name	Name of the Event	Date of the Event
1.	Vermitechnology	Vivekanandha College of Arts and Sciences for Women	Entrepreneurship Awareness	13-02-2019

			Camp	
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