

Dr. M. PRASANNA RAJESHKUMAR

ASSOCIATE PROFESSOR & VICE PRINCIPAL

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CAREER SUMMARY

- ❖ *20 years of experience in the field of education at different capacities as Assistant Professor, Head of the Department, Department placement Coordinator, NAAC Steering Committee, IQAC Coordinator and Vice Principal.*
- ❖ *Good in staff management and providing opportunities to them in bringing change in the practices that can help better student orientation.*
- ❖ *Expert in planning and scheduling various events and procedures throughout the years to achieve the objectives of the institution.*
- ❖ *Excellent in implementing the policies, curriculum activities and administration of the staff that help in the educational development of the students.*
- ❖ *Strict in ensuring discipline both among the students and the teaching staff.*
- ❖ *Excellent communication skill and carried out various student – parent counselling during admission process, college and department level.*
- ❖ *Organized and participated in various intercollege events and conducted various seminars/Programs/workshops that help in improving student’s passion towards the subject.*
- ❖ *Excellent in Planning, organizing and Coordinating with various committees like NAAC, Autonomous Committee, Department approval committee from the University, Academic council, Governing council, and various committees.*
- ❖ *Expertise in Curriculum development, Leadership, Problem Solving, Decision Making, Risk Management, Conflict Resolution, Budget management, Staff Development, Learning Agility, Collaboration, Integrity, Resilience, Disciplinary Management, Adaptability and critical Thinking.*

EXPERIENCE

31 st Aug 2023 – Current	Vice Principal K. S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.
1 st Aug 2022 – Current	IQAC Co-Ordinator K. S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode
Jan 2016 – 30 th Sep 2023	Associate Professor & Head Department of Biotechnology K. S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.
Jan 2004 – Dec 2015	Assistant Professor Department of Biotechnology K. S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

EDUCATION

2009 – 2016	Philosophy of Doctorate in Biotechnology Bharathiar University, Coimbatore, Tamil Nadu
2012	State Eligibility Test (Qualified) Bharathiar University, Coimbatore
2011 – 2012	PGDIPR Annamalai University, Chidambaram, Tamil Nadu
2006	Master of Philosophy in Biotechnology Periyar University, Salem, Tamil Nadu
2002 – 2004	M.Sc., Biotechnology Alagappa University, Karaikudi, Tamil Nadu
1999 – 2002	B.Sc., Biotechnology Yadava College affiliated to Madurai Kamarajar University, Madurai, Tamil Nadu

MEMBERSHIP IN PROFESSIONAL AND ACADEMIC BODIES

- ❖ *Life Member: The Indian Science Congress Association, Kolkata*
- ❖ *Member of Association of Biomolecular Resources Facilities, United States.*
- ❖ *Member of the European Federation of Biotechnology, Barcelona, Spain*
- ❖ *Member of European Biotechnology Network, Belgium.*
- ❖ *Member of Europe – Taiwan Biotech Association, Switzerland.*
- ❖ *Member of the International Association of Advanced Materials, Sweden.*
- ❖ *Associate Member of the International Society for Development and Sustainability, Japan.*

ROLES AND RESPONSIBILITY

- ❖ *Anti-ragging committee Head.*

- ❖ IQAC Coordinator
- ❖ Admission coordinator.
- ❖ NAAC steering committee member.
- ❖ Chief Warden men's hostel
- ❖ International student's Co-Ordinator
- ❖ Member of the Governing Council
- ❖ Member of Academic Council
- ❖ Member in Exam and Curriculum development
- ❖ Member of Malpractice committee
- ❖ Member of Library Committee
- ❖ Grievance and Redressed committee member

RESEARCH SUPERVISION/GUIDANCE

Programme	Completed	Ongoing
M.Phil.,	01	-
Ph.D.,	03	03

DOCTORAL THESIS GUIDED

- ❖ *Synthesis and Characterization of ZnO Nps by using Cycas Pschannae, cytrandroemia nicobarica and knema andamanacia Plant extract and evaluating its in vitro. Toxicity, Antioxidant, Photocatalytic and Anticancer activity.*
- ❖ *Evaluation of In vitro toxicity, antioxidant, photocatalytic and anticancer activities of green synthesized zinc oxide nanoparticles from Leea asiatica, Leea grandifolia, and Manilkara littoralis.*
- ❖ *Exopolysaccharide production, Characterization and Microencapsulation of Probiotic Bacteria from Fermented Rice Gruel and its Application in the Development of Functional Foods.*

FUND RECEIVED

- ❖ *Received fund of Rs. 30,000/- from NAAC, for Organizing a seminar during the academic year 2022- 2023.*
- ❖ *Received fund of Rs. 3,00,000/- from TNSCST-Young Student Scientist Program scheme for the academic year 2019 - 2020.*
- ❖ *Received fund of Rs. 10,000/- from TNSCST - Student project scheme during the year 2009 - 2010.*

PROJECTS

- ❖ **M. Phil Thesis**

Screening and functional analysis of crude oil degrading bacteria and its gene.

❖ **P.hD. Thesis**

Cloning and expression analysis of lipase producing gene from diverse soil samples of Kolli Hills.

AS REVIEWER

- ❖ *Annals of Agriculture Science (Elsevier)*
- ❖ *Journal of Genetic Engineering (Elsevier)*
- ❖ *Current Research in Food Science (Elsevier)*
- ❖ *Scientific Reports (Springer Nature)*
- ❖ *Biomass Conversion and Biorefinery (Springer Nature)*
- ❖ *Nature Nanotechnology (Springer)*
- ❖ *Transition Metal Chemistry (Springer Nature)*
- ❖ *Journal of Cluster Science (Springer Nature)*
- ❖ *Journal of Fluorescence (Springer Nature)*
- ❖ *Research on Chemical Intermediate (Springer Nature)*
- ❖ *Journal of Sol-Gel Science and Technology (Springer Nature)*
- ❖ *Cellulose (Springer Nature)*
- ❖ *Discover Applied Sciences (Springer Nature)*
- ❖ *South Asian Research Journal of Natural Products*
- ❖ *Plant Cell Biotechnology and Molecular Biology*
- ❖ *Uttar Pradesh Journal of Zoology*
- ❖ *International Journal of Plant and Soil Sciences.*
- ❖ *Asian Journal of Biochemistry, Genetics and Molecular Biology*
- ❖ *International Journal of Environment and Climate Change*
- ❖ *Physical Science International Journal*
- ❖ *International Research Journal of Gastroenterology and Hepatology*
- ❖ *Asian Journal of Advances in Agricultural Research*
- ❖ *Journal of Pharmaceutical Research International*
- ❖ *Annual Research & Review in Biology*
- ❖ *Asian Journal of Biology*
- ❖ *International Journal of Pharmaceutical Research.*
- ❖ *Bentham Science Publisher*

ACTIVITIES/HONOURS

- ❖ *Board of Studies member in Department of Biotechnology, Hindustan College of Arts and Science, (Autonomous) Coimbatore 28. Tamil Nadu.*
- ❖ *Doctoral Committee member in PSG College of Arts and Science, Coimbatore*
- ❖ *Senate member in Periyar University, Salem*
- ❖ *Board of Studies member in Department of Biotechnology (M.Sc., & M.Phil.), Periyar University (Accredited with “A++” grade by NAAC), Salem.*
- ❖ *Member of question paper scrutiny and question paper setting boards in various colleges.*

- ❖ Served as a Board of Studies member in YADAVA COLLEGE, Autonomous (Accredited with “A” grade by NAAC) Madurai, Tamilnadu.

SEMINARS/WORKSHOPS/FDP ATTENDED

- ❖ Participated in the **“NAAC Reforms Consultative Workshop”** Organized by the Indian Institute of Science, Bangalore” on 16.7.2024.
- ❖ Participated in FDP organized by IQAC, KSRCAS(A), and Tiruchengode from 11.6.2024 to 14.6.2024.
- ❖ Participated in FDP organized by R&D Cell, KSRCAS(A), Tiruchengode on 13.08.2024.
- ❖ Participated in FDP organized by Hindustan College of Arts and Science, Coimbatore from 19.8.2024 to 24.8.2024.
- ❖ Presented paper on **“Isolation, Identification, And Characterization of Vitamin Producing Probiotic Bacteria (Palm Toddy) And Its Application In Dairy Food Products”** in International Conference on Biotechnological Interventions in Food, Agriculture, Nutrition and Health Sciences for the Sustainable Management of Bio resources (BIFANHS 20223)” organized by Sri Ramakrishna college of arts and science (Autonomous), Coimbatore on 04th & 5th October 2023.
- ❖ Presented paper on **“Microencapsulation of Lactobacillus plantarum in sodium alginate, inulin and skim-milk formulations to study its effect on viability, storage stability and development of probiotic yogurt and chocolates”** in DBT Sponsored 18th International Conference on Converging Microbiological innovation for Application in Animal, Plant, Environment and Health Care – ICCMIA 2023, organized by Department of Animal Science, Manonmaniam Sundaranar University, Tirunelveli on 27th & 28th January 2023.
- ❖ Participated in two days’ workshop on **“PFMS EAT MODULE WITH REFERENCE TO SNA & CAN”** organized by Vivekanandha College of Arts and Sciences for women (Autonomous), Elayampalayam on 16th & 17th August, 2023
- ❖ Participated in **“Springer Author – Manuscript”** workshop organized by IIT-Madras on 28th March 2021.
- ❖ Participated in **“Scientific Illustrations & Infographics”** workshop organized by IIT-Madras on 27th March 2021.
- ❖ Participated in **AICTE sponsored one-week short term training programme on “Practical Approaches for Next Generation Sequencing Technologies and Data Analysis towards Health care”** Organized by Department of

Biotechnology, K. S. Rangasamy College of Technology, Tiruchengode on 21st to 26 December 2020.

- ❖ Participated in Professional Development Workshop for Science Stream Research Supervisors of Periyar University on **“QUALITY FRAMEWORK IN SCIENCE STREAM DOCTORAL RESEARCH”** organized by SWAYAM Cell, Periyar University, Salem on 3rd November 2020.
- ❖ Participated in international webinar on **“Plant-derived smoke compound as bio-stimulants and their application in crops”** organised by the Botany Department, KLE Society’s Science & Commerce College, Kalamboli, Navi Mumbai, India on 9th May 2020.
- ❖ Participated in the Webinar on **“Bacterial Virulence: Perceptive and Pragmatic approach”** organized by Department of Microbiology, Indian Academy Degree College-Autonomous, Bangalore, India. on 5th May 2020
- ❖ Presented a paper in Three days International conference sponsored by SERB, Govt. of India and Indian science congress association, Coimbatore chapter **“Impact of innovations in science and technology for societal development-IISTSD-2019”** Jointly organized by Kongunadu Arts and Science College Coimbatore & Faculty of technology, Mahasarakham university, Thailand on 19th -21st September 2019.
- ❖ Participated in two days **Faculty development programme on “Teaching technique”** organized by ITC academy Tamilnadu and Department of Computer applications, K S Rangasamy College of Arts and Science, Tiruchengode. 25th & 26th July 2016.
- ❖ Participated **One day training programme on “URKUND - Plagiarism Detection software for Research Supervisors of University and Affiliated colleges”** Organized by Periyar University, Salem. 19.08.2016
- ❖ Participated a **Two days workshop on R - Software”** organized Ramanujam forum. Department of Mathematics, KSRCAS, Tiruchengode. 11th & 12th April 2016.
- ❖ Participated in National seminar on **“Modelling the neural structure of human brain using machine learning”** organized by K S Rangasamy College of Arts and Science, Tiruchengode. 17th & 18th 2016.
- ❖ Participated in a one day National conference on **AVENUES IN BIOTECHNOLOGY -2016**, organized by Nandha arts and Science College, Erode, on 17th February 2016
- ❖ Participated in a **NAAC – sponsored State level seminar on “Academic & administration audit”** organized by AJK College of Arts and Science, Coimbatore. 12th February 2016.

- ❖ Participated in a **Faculty development programme on “Computers for Biologists and Chemists, organized by the Department of Life Science and Chemistry, K. S Rangasamy College of Arts and Science, Tiruchengode. 27th November 2015**
- ❖ Participated in **National workshop on “Green initiatives in Energy and Environment (GIEE-2014)”** organized by the Department of Environmental Science, Periyar University, Salem, 11th September 2014
- ❖ Participated in a national level seminar on **“Application of current technologies in Biological Science”**, Organized by Sree Amman College of Arts and Science Chithode, Erode, on 31.01.2014.
- ❖ Presented paper on **“A study on herbal products to determine its toxic elements and to detect the toxic effects by using mice on experiment model”** in MAHER national Biosummit on current research in science-2013, Organized by Meenakshi Ammal Dental College, Maduravayal, Chennai, on 12.12.2013 to 13.12.2013.
- ❖ Presented paper on **“Determination of toxic elements in herbal products and toxicity studies in mice”** in International symposium on Bioscience research for present and futures” organized by Vivekanandha college of arts and science for Womens, Namakkal on 18.11.2013.
- ❖ Participated a workshop on **“Menace of Ragging and preventive measures”** organized by Anti ragging Cell, Periyar University, Salem. 29th October 2013.
- ❖ Presented paper on **“Molecular Characterizaion of phenol degrading microorganism from pharmaceutical effluent by 16s Ribotyping”** in State level Conference on Emerging trends in physical and biological sciences, organized by Department of Physics and Biotechnology, Nandha Arts and Science College, Erode, on 17.02.2012.
- ❖ Attended a **“11th National level Biological Congress on Bioscientific Technologies: A Panacea for Human Health & Social Welfare”** Organized by Muthyammal College of Arts & Science, Rasipuram. 6th & 8th Junary 2012.
- ❖ Participated a **Two days workshop on SPSS”** organized by Department of Mathematics, KSRCAS, Tiruchengode. 21th & 22nd October 2011.
- ❖ **National workshop on Genome informatics. Sponsored by DBT.** Organized by Alagappa university, karaikudi 5th January to 7th January 2009.
- ❖ **Short-term training course on Advanced techniques in Molecular Microbiology and microbial Technology. Sponsored by DBT.** Organized by Kalasalingam university Krishnankoil 28th April – 14th May 2008.

- ❖ *One day workshop on “**Nano science and technology for health care, medical diagnosis, Imaging and drug**”. Organized by Indira Gandhi centre for Atomic research, Kalpakam as part of International conference on nano science and technology (ICONSAT-2008) held at IIT-Madras, Chennai. 26th Feb 2008.*
- ❖ *Participated in TEQIP sponsored Faculty Development Programme on “**Bioprocess Techniques**” at Government College of Technology, Coimbatore, 24-26 August 2007.*
- ❖ *An International Seminar cum Workshop on “**Molecular Modeling and Drug Discovery**” at Bharathiar University, Coimbatore during July 2007.*
- ❖ *National Seminar on “**Biotechnology of Transgenics: Scientific Progress and Social Issues**” organized by the department of Biotechnology, Alagappa University during July 28 and 29 2003 (sponsored by DBT, Government of India: TNSCST Chennai and NCSTC, New Delhi and Alagappa University).*
- ❖ *A state seminar on “**Food Processing**” organized by P.G Department of Zoology, Yadava College and Ministry of Food Processing Industries, New Delhi on 23, 24, & 25th August 2000.*
- ❖ *A state Seminar on “**Modern Trends On Biosciences**” organized by the Department of Biochemistry and Microbiology, Yadava College during 13th and 14th march 2002.*

ONLINE CERTIFICATE COURSE

- ❖ *Completed online certificate courses from **ELSEVIER RESEARCHER ACADEMY**,*
 - i) *How to peer review a review article, Sep 2023.*
 - ii) *Funding Hacks for Researchers, October 2023,*
 - iii) *Recognizing peer reviewers: A webinar to celebrate editors and researchers, October 2023*
 - iv) *How to secure funding - ECR, October 2023*

INVITED SPEAKER/GEST LECTURE

- ❖ *Invited as Motivational Speaker and presented the topic “Success & Happiness” at K.S.Rangasamy College of Technology on July 5th 2024.*
- ❖ *Invited speaker in ANASTOMOSIS - 22, delivered a lecture on titled “**PCR and its Application in Diagnostics**” held on August 4th 2022 organized by Basics Science Department, K S R Institute of Dental Sciences and research, Tiruchengode.*
- ❖ *Invited speaker in **ICMR SPONSORED TWO DAYS** National LEVEL seminar titled “**Impact of Green computing for Minimizing E- waste on Human health**”*

held on July 3rd and 4th 2018 organized by Department of Computer science, K S R College of Engineering.

- ❖ Served as a **Session chair** in National conference in ICMR sponsored “Novel technologies on natural products for mosquito and disease control on 23rd – 24th February 2017 organized by K S Rangasamy College of Arts and Science (Autonomous), Tiruchengode.
- ❖ Invited as a **resource person** in KSR Polytechnic College for addressing lateral entry students on 13th June 2016. The topic delivered was “**School to College**”.
- ❖ Served as a **Session chair** in International conference in “Nano materials and Nanotechnology on 7th – 10th December 2015 organized by K S Rangasamy College Technology, Tiruchengode.
- ❖ Invited speaker in Two day workshop on Morphological and Biochemical characterization of Microorganism on 1st Aug 2014, Organized by PSG Krishnammal College for women, Coimbatore. Topic covered was “**Molecular characterization of Microorganism by using 16s rRNA sequencing**”
- ❖ Invited speaker in **DBT sponsored National seminar** on “Life science research in Bioinformatics and computing technologies” organized by Kongu engineering college. Perundurai .(23 and 24th May 2013) – topic delivered “**MOLECULAR BIOLOGY INFORMATIONS**”
- ❖ Guest lecture delivered in “**PCR and its advances and overview of immunology**” in Aringar anna college of Arts and Science, Krishnagiri (22/10/2011)
- ❖ Invited speaker in **DBT sponsored National seminar** on “Research issues in DNA computing technologies” organized by Kongu engineering college. Perundurai .(27 and 28th July 2011) - topic delivered “**DNA COMPUTING BASICS**”

PUBLICATIONS

- ❖ Kowsalya, M., Velmurugan, T., Mythili, R., Kim, W., Sudha, K.G., Ali, S., Kalpana, B., Ramalingam, S., & **Prasanna Rajeshkumar, M***. (2023). Extraction and characterization of exopolysaccharides from *Lactiplantibacillus plantarum* strain PRK7 and PRK11, and evaluation of their antioxidant, emulsion and antibiofilm activities. *International Journal of Biological Macromolecules* 242, 124842. (Impact factor: 8.2)
- ❖ Kowsalya, M., Deepakala, B., Velmurugan, T., **Prasanna Rajeshkumar, M***. (2024). Probiotics: Healthy Gut Microbiota to lead a wholesome Life. *International Journal of Nature Science*, vol1(1), 15-23.
- ❖ Kowsalya, M., Sudha, K.G., Ali, S., Velmurugan, T., **Prasanna Rajeshkumar, M***.

- (2023). Sustainability and controlled release behavior of microencapsulated *Lactobacillus plantarum* PRK7 and its application in probiotic yogurt production. *Food Bioscience*, 102430. <https://doi.org/10.1016/j.fbio.2023.102430>. (Elsevier: Impact factor:5.31).
- ❖ Ali, S., Sudha, K.G., Karunakaran, G., Kowsalya, M., Kolesnikov, E., Gorshenkov, M.V., Velmurugan, T., **Prasanna Rajeshkumar, M***. (2022) Anticancer and photocatalytic activities of zinc oxide nanorods synthesized from *Manilkara littoralis* leaf extract. *Materials Chemistry and Physics*, 277, 125541. <https://doi.org/10.1016/j.matchemphys.2021.125541>. (Elsevier: Impact Factor: 4.778).
 - ❖ Kowsalya, M., Sudha, K. G., Ali, S., Velmurugan, T., Karunakaran, G., & **Prasanna Rajeshkumar, M.** (2022). "In-Vitro Assessment of Probiotic Properties Of Lactic Acid Bacteria Isolated From Naturally Fermented Rice Gruel Of South India". *Journal of Microbiology, Biotechnology and Food Sciences*, 12(1), e4908. <https://doi.org/10.55251/jmbfs.4908>. (Impact Factor: 1.03).
 - ❖ Ali S, Sudha KG, Karunakaran G, Kowsalya M, Kolesnikov E, Mikhail V. Gorshenkove, **Prasanna Rajeshkumar M.** Novel *Leea grandifolia* leaves mediated synthesis of ZnO nanorods for photocatalytic and anticancer applications. *Appl Organometal Chem*, <http://doi.10.1002/aoc.6239> (Wiley: Impact factor. 4.105).
 - ❖ Kowsalya, M., **Prasanna Rajeshkumar, M.**, Velmurugan, T., Sudha, K.G., & Ali, S. (2021). Role of Vitamin E in Boosting the Immunity from Neonates to Elderly. *Intech Open Book series, Biochemistry*, vol 22. Book entitled 'Vitamin E in Health and Diseases'. <https://doi.org/10.5772/intechopen.98553>.
 - ❖ Sudha, KG, Ali S, Karunakaran G, Kowsalya M, Kolesnikov E, Mikhail V. Gorshenkove, Velmurugan T, **Prasanna Rajeshkumar M.** An eco-friendly production of ZnO NRs using *Knema andamanica* (Warb) extracts for photocatalytic and anticancer applications, 109030 2021, <https://doi.org/10.1016/j.inoche.2021.109030> (Impact Factor: 2.495).
 - ❖ Saheb Ali, Kattakgoundar Govindaraj Sudha, GopaluKarunakaran, Mariyappan Kowsalya EvgenyKolesnikov, **Mohan Prasanna Rajeshkumar**, 2021. Green synthesis of stable antioxidant, anticancer and photocatalytic activity of zinc oxide nanorods from *Leea asiatica* leaf, *Journal of Biotechnology*, Volume 329, 10 March 2021, Pages 65-79. <https://doi.org/10.1016/j.jbiotec.2021.01.022>.
 - ❖ SahebAli, Kattakgoundar Govindaraj Sudha, GopaluKarunakaran, Mariyappan Kowsalya Evgeny Kolesnikov, Mikhail V. Gorshenkov **Mohan Prasanna Rajeshkumar**, 2021. Novel *Leea grandifolia* leaves mediated synthesis of ZnO nanorods for photocatalytic and anticancer applications, *Applied organometallic chemistry*, 24 March 2021. <https://doi.org/10.1002/aoc.6239>.
 - ❖ Kattakgoundar Govindaraj Sudha, Saheb Ali, Gopalu Karunakaran, Mariyappan Kowsalya, Evgeny Kolesnikov, Mikhail V. Gorshenkov & **Mohan Prasanna Rajeshkumar.** *Cyrtandroemia nicobarica* –Synthesized ZnO NRs: A New Tool in Cancer Treatment. *The Journal of The Minerals, Metals & Materials Society*, 24 November 2020, <https://doi.org/10.1007/s11837-020-04486-w>

- ❖ Gopalu Karunakaran, Govindan Suresh Kumar, Evgeny Kolesnikov, Gopinathan Janarthanan, Mamatha Muraleedharan Pillai, Selvakumar Rajendran, Selvakumar Boobalan, Kattakgoundar Govindaraj Sudha, **Mohan Prasanna Rajeshkumar** Mesoporous Mg-doped hydroxyapatite nanorods prepared from bio-waste blue mussel shells for implant applications: *Ceramics International*, Elsevier, Volume – 46, August 2020.
- ❖ Kattakgoundar Govindaraj Sudha, Saheb Ali, Gopalu Karunakaran, Mariyappan Kowsalya, Evgeny Kolesnikov, **Mohan Prasanna Rajeshkumar** Eco-friendly synthesis of ZnO nanorods using *Cycas pschannae* plant extract with excellent photocatalytic, antioxidant, and anticancer nanomedicine for lung cancer Treatment. *Applied organometallic chemistry*, Willey Publication: Volume – 34, Issue – 4: April 2020
- ❖ M. Aarthi, Velmurugan Thangavel, **M. Prasanna Rajeshkumar**, V. Balakrishnan Molecular Identification of Actinomycetes with Effectual Antibacterials from the Sediments of Pichavaram Mangrove Forest, South India, by Sequencing the High G+C Content Genomic DNA. *Indian Journal of Natural Sciences*, PDKT,61, AUGUST, 2020
- ❖ M. Aarthi, P. Eswaran, **M. Prasanna Rajeshkumar**, V. Balakrishnan, Isolation and Characterization of Gelatinase Producing Halophilic Bacteria from the Sediments of Pichavaram Mangrove Forest, Tamil Nadu State, South India. *Research & Reviews: A Journal of Life Sciences Research & Reviews: A Journal of Life Sciences*, 2019, ISSN: 2249-8656 (Online), ISSN: 2348-9545, Volume 9, Issue 3.
- ❖ P. Kowsalya, M. Kowsalya and **M. Prasanna Rajeshkumar**, A Review of Bioinformatics databases and its applications. *Shanlax international journal of Arts, Science and Humanities*. VOL. 5, Special issue 2: October,2017
- ❖ K.G. Sudha, Saheb Ali and **M. Prasanna Rajeshkumar**, Bioinformatics in Medicine - A Review: impact in science. *Shanlax international journal of Arts, Science and Humanities*. VOL. 5, Special issue 2: October,2017
- ❖ Saheb Ali, K.G. Sudha and **M. Prasanna Rajeshkumar**, A Review: Present and future Bioinformatics. *Shanlax international journal of Arts, Science and Humanities*. VOL. 5, Special issue 2: October,2017
- ❖ Saheb Ali, K.G. Sudha and **M. Prasanna Rajeshkumar**, A Review of Blast in Bioinformatics. *Shanlax international journal of Arts, Science and Humanities*. VOL. 5, Special issue 2: October,2017
- ❖ Saheb Ali, K.G. Sudha and **M. Prasanna Rajeshkumar**, A Review: Bioinformatics impact in science. *Shanlax international journal of Arts, Science and Humanities*. VOL. 5, Special issue 2: October,2017

- ❖ **Prasanna Rajeshkumar M.**, Mahendran V.S and V. Balakrishnan. Carbon and nitrogen sources enhance lipase production in the bacteria *Bacillus subtilis* KPL13 isolated from soil Samples of Kolli hills, South India. *International journal of Science and Nature*. VOL.6 (2) 2015: 183-187.
- ❖ Parim Brahmanaidu, V V Sathibabu Uddandrao, Vadivukkarasi Sasikumar, Ramavat Ravindar Naik, Suresh Pothani, Mustapha Sabana Begum, **M Prasanna Rajeshkumar**, Chandrasekar Varatharaju, Balaji Meriga, P Rameshreddy, A Kalaivani, Ganapathy Saravanan, Reversal of endothelial dysfunction in aorta of streptozotocin-nicotinamide-induced type-2 diabetic rats by S-Allylcysteine, *Mol Cell Biochem*. 2017 Aug;432(1-2):25-32. PMID: 28258439 DOI: 10.1007/s11010-017-2994-0
- ❖ Mahendran V.S., **Prasanna Rajeshkumar M** and V. Balakrishnan. Identification of Salinity Stress Responsive Proteins in *Vigna radiata* Var.radiata (L.) Wilczek Leaves, *International Journal of Advanced Biotechnology and Research*. Vol5, Issue3, 2014, pp388-393
- ❖ Mahendran V.S., **Prasanna Rajeshkumar M** and V. Balakrishnan. Proteomic analysis of *Vigna radiata* leaves under salinity stress. *International Journal of Engineering Research & Technology*. Vol. 2 Issue 10, October – 2013.
- ❖ Prasanna Rajeshkumar M., Mahendran V.S and V. Balakrishnan. Isolation and identification of lipase producing organisms from diverse soil samples of Kolli hills. *Int.J.Curr.Microbiol. App.Sci* (2013) 2(5): 205-210
- ❖ VS Mahendran and **M. Prasanna Rajeshkumar**. SNPs, Pharmacogenetics and Pharmacogenomics – a feature article in *Advanced Biotech* volume V, Issue12, June 2007.
- ❖ **M. Prasanna Rajeshkumar** and Mahendran VS. Nanomedicine, The future of health care – mini review in *Advanced Biotech*. Volume VI, Issue 03, September 2007.

BOOK PUBLICATIONS

- ❖ Editor of the proceedings of NAAC Sponsored National Seminar on “**Perspectives of Outcome-Based Education (OBE) and NAAC Accreditation**” ISBN NO. 9789357862240
- ❖ Published a book chapter in the book “**Vitamin E in Health and Disease - Interactions, Diseases and Health Aspects**” entitled “**Role of Vitamin E in Boosting the Immunity from Neonates to Elderly**” Mariyappan Kowsalya, **Mohan Prasanna Rajeshkumar**, Thangavel Velmurugan, Kattakgounder Govindaraj Sudha and Saheb Ali. Published: 15 June 2021, DOI: 10.5772/intechopen.98553

- ❖ *Published a book chapter in 8th NCETNCB-2020 – **An Insight on Environmental Toxicology. Organized by PG Research Centre in Biotechnology, MGR College, Hosur. On the Topic of Comparative study of growth in vigna unguiculate by applying different types of chemical fertilizer & Biofertilizers.** Velmurugan T, Kowsalya M, Sudha K G, Saheb ali and **Prasanna Rajeshkumar M***. *Environmental Toxicology 2020; ISBN 978-93-5396-157-2.**