



Details for Updating FACULTY PROFILES on Website

1.	Name of the Faculty	Dr. Saju Binu Cherian
2.	Department	Anatomy
3.	Current Designation	Professor
4.	Registration Number	
Academic Qualifications		
5.	UG Qualification + Name of College/Institute	B. Sc St. Aloysius College, Mangalore
6.	PG Qualification + Name of College/Institute	M. Sc – Medical Anatomy Kasturba Medical College, Mangalore, MAHE
7.	Any Additional Qualifications	-Ph D(Doctor of Philosophy) ; Manipal University - MAHE FAIMER 2018 Fellow

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8.	Number of Years of Experience	24
9.	Publications (in Vancouver Style)	<ul style="list-style-type: none">• Cherian Saju B, Challa Sairam, Kulkarni M, Unnikrishnan Uma, Mathai Dilip et al. A randomized controlled trial to study the efficacy of biofortified pearl millet administered to preschool children to improve iron deficiency anemia in India: An interprofessional approach. 2022. High Technology Letters 28(7) 76-94• Kudravalli Jyothsna, Anand Kukkamalla, Saju Binu Cherian. An IP module to improve clinical skills in medical and dental undergraduates: A collaborative approach 2022. High Technology Letters 28(1) 676-690<ul style="list-style-type: none">• Saju Binu Cherian, Anvi Reddy Aman Kapil Sai Reddy, Advait Pillarisetti Arya Achuta Sreeramaneni. Clinical importance of abnormal tendinous connection between flexor digitorum superficialis and flexor digitorum profundus: a rare anomaly. 2020 IJSR 9: 14-15• Saju Binu Cherian, Mrudula C. Pecha Kucha presentations in Anatomy: An activity to foster abstraction, analysis and synthesis skills in medical undergraduates. 2020 IJSR 9(5) 1-2

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| | | <ul style="list-style-type: none">• Saju Binu Cherian . Clinically oriented anatomy teaching (COAT): An Approach for Developing Critical Thinking Skills in Undergraduate Medical Students 2020 IJAR 10(4); 1-2• Cherian SB, Bairy Kurady L, Rao MS. Sexually dimorphic effects of chronic prenatal restraint stress on hippocampal neurogenesis using doublecortin immunostaining technique. Int J Res Rev, 6(5) ;370-3772018• Shabana Sultana, Mrudula C, Saju Binu Cherian . Gamification and multimedia for effective learning in Anatomy 2019 8(6): 202-204• Saju Binu Cherian. COSPE in Anatomy: An Innovative method of evaluation 2017. Int. J. Adv. Res (IJAR) 5(5): 325-327• Saju Binu Cherian. Lemon and Rod Model: An easy method to teach movements and axes of eyeball. 2017 Indian Journal of Applied Research 7(6): 57 |
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- Saju BC, Bairy KL, Muddanna SR . Effects of chronic prenatal stress on motor coordination in postweaned male and female wistar rats. Int. J of Med. Sci. and Clin. Research 2016, 4(2): 289-294
- Cherian SB and Bairy, KL. *Induction of micronuclei in hippocampal neurons exposed to chronic prenatal restraint stress in male and female wistar rat pups.* 2015. International Journal of Advanced Research, 3 (8). pp. 1217-1222. ISSN 2320-5407
- Cherian SB, et al. Ascending aortic aneurysm and its clinical significance: A case report 2015 Apollo Med. 12(3) 229-231
- Aruna Jyothi, Nithya Waghray , **Saju Binu Cherian**, Shabana Sultana 2015 . Male form of Persistent Mullerian Duct - A case report . Int. J of Med. Sci. and Clin. Research 3(3) 280-284
- Cherian SB, Gandharam AJ. Rectus sternalis muscle: An anatomical variant of anterior chest wall. 2014 OA Anatomy Jun 10; 2(2):16.
- Naveena S, Aruna jyothi, **Saju B**, Chandrupatla M and Shabana Sultana.

Mayer-Rokitansky-Kuster-Hauser Syndrome: A Case Report. 2014 RJPBCS.

5(4): 943- 46.

- Saju Binu Cherian, Aruna Jyothi Gandharam 2014. Abnormal position of descending colon with right- sided sigmoid colon and its clinical significance, APME 11(3) 227-229
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- Nayak B. S Mishra S, George B. , **Cherian S. B.** & Shetty S. D. 2013. Unusual branches of femoral artery in the femoral triangle – A case report. Int. J. Morphol., 31(3):819-821, 2013.

- Cherian SB, Bairy KL, Rao MS 2009. Chronic prenatal restraint stress induced memory impairment in passive avoidance task in post weaned male and female Wistar rats. Indian J Exp Biol., 47:893-899

- Cherian SB, Nayak BS, Somayaji N 2009. Possible compression of ulnar nerve by an abnormal muscle originating from the tendon of Palmaris longus. Int. J. of Anat Vartn., 2:7-8
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- Cherian SB, Nayak BS, Somayaji N, Bhat MS 2008. Hypoplasia of right hemispheric white matter associated with enlarged lateral ventricle. : Neuroanat.,7:43-44
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- Cherian SB, Nayak S 2008. A Rare

		<p>Case of Unilateral Third Head of Sternocleidomastoid Muscle. Int J. Morphol 26(1): 99-101</p> <ul style="list-style-type: none"> • Cherian SB, Ramesh BR, Madhyastha S 2006. Persistent left superior vena cava- A Case Report. Clin Anat., 19:561-565
10.	Presentations (in Conferences/ CMEs)	<p><u>International:</u></p> <ul style="list-style-type: none"> • A Conceptual Framework to Determine the Effect of Iron- Biofortified Pearl Millet Compared to Conventional pearl Millet on Hemoglobin Concentration among Pre-school Children in Urban Slums of Hyderabad, India: An Inter professional Approach, International Conference on Interprofessional Education Practice and Care, Malaysia 2018 • Presented the poster 'Dimorphic effects of chronic prenatal stress on adult hippocampal neurogenesis on wistar rats using doublecortin immunostaining technique' for Anatomical Society Virtual Winter Meeting 2021 • Oral presentation on 'Concept mapping; an activity to foster concepts, ideas and relationships of anatomical structures in medical undergraduates' at International Virtual Anatomy Conference 2021 <p><u>National:</u></p> <ul style="list-style-type: none"> • Sexually Dimorphic Effects of Chronic Prenatal Restraint Stress on Hippocampal Neurogenesis Using Doublecortin Immunostaining Technique", NATCON -64, AIMS, Jodhpur, 2016 • "Question of the day": An experiential learning activity to instigate active learning, National Conference on Health Professions Education 2019 (NCHPE 2019) , Jawaharlal Nehru Medical College & University Department of Education for Health Professions, KAHER, Belagavi, Karnataka

		<p><u>State</u></p> <ul style="list-style-type: none"> • Pecha Kucha presentations: an activity to foster abstraction, analysis and synthesis skills in medical under graduates, METCON 2020. Malla Reddy Institute of Medical Sciences, Hyderabad • Clinically Oriented Anatomy Teaching (COAT): An Approach in Developing Critical Thinking Skills in Medical Undergraduates at IX Annual Conference in Medical Education Technology , METCON 2019 at Apollo Medical College, Jubilee Hills Hyderabad, January 2019 • Participated and presented an Oral Paper entitled Sexually Dimorphic Effects of Chronic Prenatal Restraint Stress on Hippocampal Neurogenesis Using Doublecortin Immunostaining Technique in The Annual Conference of Anatomical Society of India at All India Institute of Medical Sciences, Jodhpur from 29th Nov-1st Dec 2016. • Participated and presented an Oral Paper entitled Effect of Chronic Prenatal Stress on Hippocampal neuronal cell density in Postweaned male and female Wistar rats in The Annual Conference of Anatomical Society of India at King George’s Medical University, Lucknow from 21-23rd Nov 2015. • Presented a free paper in scientific session entitled, Chronic Prenatal Restraint Stress – Behavioral Impairments in Wistar Rats at the 40th annual conference of Indian Pharmacological Society at NIPER, Punjab – 2007 • Presented a scientific paper entitled “Effects of prenatal stress on postnatal and behavioral development in rats” at the 54th National Conference of Anatomical Society of India at AIMS, Kochi -2006.
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11.	Projects (Ongoing & Completed)	<p>Ongoing:</p> <ul style="list-style-type: none"> ➤ Mental stress among working mothers- A need to ease it with educational interventions @ KMC, Manipal <p>Completed</p> <ul style="list-style-type: none"> ➤ An interprofessional module to improve clinical skills in medical and dental undergraduate curriculum: A collaborative approach in 2021 ➤ A randomized controlled trial to study the efficacy of biofortified pearl millet administered to preschool children to improve iron deficiency anemia: An interprofessional approach in 2020
12.	Positions Held / Accomplishments / Awards / Grants (if applicable)	<p><u>State level</u></p> <ul style="list-style-type: none"> ➤ Best Oral paper award at state conference of Association of medical educationists, METCON 2020 ➤ Best paper award (Third position), state conference of Association of medical educationists, METCON 2019 ➤ Received Consolation prize for the study entitled, A randomized double blind study to determine the effect of Bio- fortified Pearl millet compared to conventional Pearl millet among pre-school children with anemia residing in Urban Slums of Hyderabad at MAHE- FAIMER, International Institute for Leadership in Interprofessional Education <p><u>Institute level:</u></p> <ul style="list-style-type: none"> ➤ Academic Achievements award 2021 (4 publications) ➤ 2020 <ul style="list-style-type: none"> ▪ Best Teacher award ▪ Best online teacher ▪ Best Hi-tech Teacher ▪ Student centered (Second position) ➤ Dr. T.M.A Pai Gold Medal for Excellence in Medical Research 2010

13.	Areas of Interest	Research, Medical education, soft skills training, image management
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