



SIDDHARTH RAVI, RA1711009010084

Course : **B.Tech**, Biotechnology, 2021

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ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	BALA VIDYA MANDIR SR SEC SCHOOL ADYAR CHENNAI TN	CENTRAL BOARD OF SECONDARY EDUCATION (CBSE)	8.4 CGPA	2015
CLASS XII	BALA VIDYA MANDIR SR SEC SCHOOL ADYAR CHENNAI TN	CENTRAL BOARD OF SECONDARY EDUCATION (CBSE)	400 MARKS	2017
B.Tech	SRM Institute of Science and Technology - Kattankulathur Campus		83.81 %	2021

Subjects / Electives	Bioreactor design, Pharmaceutical biotechnology, Bioprocess engineering, Animal Biotechnology, Plant Biotechnology, Ethical Issues, Research methodologies and IPR, BIOCHEMISTRY,HUMAN PHYSIOLOGY,CELL BIOLOGY,MICROBIOLOGY,GENETICS AND CYTOGENETICS,ENZYME ENGINEERING AND TECHNOLOGY,MOLECULAR BIOLOGY,IMMUNOLOGY,BIO-PROCESS PRINCIPLES, Environmental Biotechnology, Marine biotechnology
Technical Proficiency	Teamwork, Adaptability, Cell Biology, Leadership Skills, Flash Animation, Bioprocess, Bioenergy, Decision-making Skills, Resilient, Plant Biology, Poetry, Analytical Skills, Patience, C Programming, Biochemistry, Animal Science, Cell Lines, Communication Skills, Immunology, Food Safety, C++ Language, Honest, Team Leadership, Artificial Intelligence, Molecular Biology, Team Management, Java, Photoshop, Song-writer, Robotics, Microbiology, Cricket

SUMMER INTERNSHIP / WORK EXPERIENCE

INTERN, AVANZ BIO PVT LTD	Dec 2019 - Dec 2019
Worked on food safety and carried out microbial analysis along with biofilm preparation and plating techniques.	
INTERN, MIOT INTERNATIONAL	Jun 2019 - Jun 2019
internship postings in MIOT International Hospitals in the following Departments – Bone Marrow Transplant & Haematology,Hepatology,Medical Oncology and Laboratory Medicine.	
INTERNSHIP DURATION-15 DAYS.	
INTERN, CANCER INSTITUTE(WIA) ADYAR	Jun 2019 - Jul 2019
internship in the Department of Preventive Oncology(Research) , Adyar Cancer Institute	
INTERNSHIP DURATION-10 DAYS	

PROJECTS

Use of Soya Hull, Tea Protein and Tapioca Starch for Bio-plastic Formation. - ENVIRONMENTAL BIOTECHNOLOGY	Jul 2019 - Present
PRODUCTION OF EDIBLE BIO PLASTICS FOR FOOD PACKAGING PURPOSE	

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
INDUSTRIAL BIOTECHNOLOGY	THE UNIVERSITY OF MANCHESTER IN AFFILIATION WITH COURSERA	An introduction to the enzyme world and a leap into pharma aspect and the bio-processing involved
BACTERIA AND CHRONIC INFECTION	UNIVERSITY OF COPENHAGEN IN AFFILIATION WITH COURSERA	An introduction to infectious bacteria,the evolution side,treatment of diseases and diagnosis methods.
EPIDEMICS-THE DYNAMICS OF INFECTIOUS DISEASES	PENNSSTATE UNIVERSITY IN AFFILIATION WITH COURSERA	an introduction to pathogens and the diseases they cause,subsequent procedures, treatment and vaccination along with control meassures.
INTRODUCTION TO PSYCHOLOGY	YALE UNIVERSITY IN AFFILIATION WITH COURSERA	Got a brief introduction to psychological science
INTRODUCTION TO ALGAE	UC SANDIEGO UNIVERSITY IN AFFILIATION WITH COURSERA	RECEIVED A FULLY PACKED INTRODUCTION TO ALGAL LIFE FORMS,THEIR DIVERSITY AND INDUSTRIAL APPLICATION

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
BIOHACKING YOUR BRAIN HEALTH	EMORY UNIVERSITY IN AFFILIATION WITH COURSERA	gained knowledge on the IMPACT OF EXERCISES ON THE BRAIN

POSITION OF RESPONSIBILITY		
CLASS REPRESENTATIVE - SRM INSTITUTE OF SCENCE AND TECHNOLOGY,KATTANKULATHUR APPOINTED AS CLASS REPRESENTATIVE IN FIRST YEAR(CONTINUING)		Sep 2017 - Present

AWARDS AND RECOGNITIONS		

COMPETITIONS		
CREATIVITY CHALLENGE CONDUCTED FOR SOFT SKILL		Nov, 2017
OUTSTANDING PERFORMANCE IN CREATIVITY CHALLENGE CONDUCTED FOR SOFT SKILLS COURSE ,NOVEMBER 2017		
COVER DRIVE(CRICKET)		Aug, 2016
TEAM EVENT		
3D FIGURES MODEL MAKING		Feb, 2015
WON FIRST PLACE IN THE TEAM EVENT OF MAKING 3-D SHAPES (SUBJECT-MATHEMATICS)		
INTERHOUSE CULTURALS POETRY WRITING		Nov, 2014
EARNED 20-25 POINTS FOR HOUSE(KAILASH)		
MODEL MAKING		Mar, 2012
WON FIRST PLACE FOR MODEL MAKING IN MATHEMATICS UN DER TOPIC OF "CIRCLES" WHERE WE EXPLAINED PARTS OF A CIRCLE USING A PIZZA		
TEAM EVENT		
SKIT-SCIENCE CLUB		Feb, 2012
TEAM EVENT		
MS WORD FORMATTING		Feb, 2012
TEAM EVENT		
PPT COMPETITION -SCIENCE CLUB		Feb, 2012
TEAM EVENT		

CONFERENCES AND WORKSHOPS		
SHORT TERM TRAINING PROGRAMME ON BIO-ENTREPRENEURSHIP AND MANAGERIAL TOOLS FOR BIO-BASED START UP		
Organized by: DEPARTMENT OF BIOTECHNOLOGY, SCHOOL OF BIOENGINEERING, SRM IST Date: Mar 2020		
ACQUIRED KNOWLEDGE ON THE ROAD TO BECOMING AN ENTREPRENEUR AND HAD A CHANCE TO PARTICIPATE IN A LIVE SESSION WHERE THE TASK WAS TO PROPOSE A PROJECT TO ACQUIRE FINANCIAL ASSISTANCE FOR THE PROJECT.		
ARTIFICIAL INTELLIGENCE WORKSHOP		
Organized by: KYIRION TECHNOLOGIES PVT LTD AT IIT MADRAS RESEARCH PARK Date: Dec 2019		
HAD EXPOSURE TO PYTHON SOFTWARE BASED ARTIFICIAL INTELLIGENCE PROGRAMMING		
CELL CULTURE TECHNIQUES		
Organized by: DEPARTMENT OF PREVENTIVE ONCOLOGY(RESEARCH)- CANCER INSTITUTE(WIA) ADYAR ,CHENNAI Date: Dec 2019		
HANDS ON EXPERIENCE ON HANDLING HELA CELL LINES AND EXPOSURE TO MODERN CULTURING METHODS		
Preconference Workshop under the Molecular Oncology on Salivary Proteomics		
Organized by: Foundation for Head and Neck Oncology (FHNO 2019) Date: Oct 2019		
Attended and participated as a Delegate in Preconference Workshop under the Molecular Oncology on Salivary Proteomics, conducted by Foundation for Head and Neck Oncology (FHNO 2019).		
Sustainable Technologies for Industrial Hazardous Waste Management and Bio energy(STIWMB-2019)		
Organized by: DEPARTMENT OF BIO TECHNOLOGY-SRM INSTITUTE OF SCIENCE AND TECHNOLOGY Date: Aug 2019		
I was a participant and a volunteer in the Sustainable Technologies for Industrial Hazardous Waste Management and Bio energy(STIWMB-2019).		

TEST SCORES		
TEST NAME	DATE OF EXAM	SCORE

PATENTS		

PUBLICATIONS		

SCHOLARSHIPS		

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VOLUNTEER EXPERIENCE

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY - Role: participated AND VOLUNTEERED in a survey conducted in a nearby-village for awareness on harmful effects of using plastics. Cause: Environment	Sep 2019 - Sep 2019
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY - Role: participant and a volunteer in the Sustainable Technologies for Industrial Hazardous Waste Management and Bio energy(Cause: Environment	Aug 2019 - Aug 2019
BALA VIDYA MANDIR SR SEC SCHOOL - Role: VOULENTEERED AS INCHARGE OF ROBOTIC PARTS IN THE 2013 INDIAN ROBOTICS LEAGUE Cause: Science and Technology	Dec 2013 - Dec 2013
THIS WAS CONDUCTED BY ROBOTICS SCIENTISTS FROM SINGAPORE	
BALA VIDYA MANDIR - Role: VOULENTEERED TO COLLECT MONEY FOR THE TAMIL NADU CRICKET ASSOCIATION WHICH IN TURN DEPOSITED IT TO CANCER INSTITUTE Cause: Health	Sep 2013 - Oct 2013
BALA VIDYA MANDIR SR SEC SCHOOL - Role: VOULENTEERED TO SPREAD AWARENESS OF THE IMPORTANCE OF SANSKRIT LANGUAGE Cause: Education	Aug 2013 - Aug 2013
BALA VIDYA MANDIR SR SEC SCHOOL. - Role: ROAD SAFETY PATROL ASSISTANT Cause: Social Services	Jun 2013 - Apr 2014
I WAS ASSISTING TRAFFIC MANAGEMENT DURING BUSY SCHOOL HOURS IN MORNINGS	
BALA VIDYA MANDIR SR SEC SCHOOL - Role: VOULENTEERED TO GIVE FOOD SUPPLIES FOR CANCER PATIENTS IN ADYAR CANCER INSTITUTE Cause: Health	Sep 2012 - Sep 2012

EXTRA CURRICULAR ACTIVITIES**LYRIC WRITING**

MAJORLY I WRITE TAMIL LYRICS
AND I'M CONTINUING TO DO SO

HAVE LEARNT LYRIC WRITING FROM FAMOUS TAMIL LYRICIST VAIRAMUTHU'S SON

POETRY WRITING

HAVE WRITTEN MANY POEMS FOR SCHOOL MAGAZINE
CONTINUING TO WRITE POEMS FOR OTHER PUBLICATIONS

CRICKET

HAVE PLAYED FOR
SCHOOL
CLUBS

AND CONTINUING TO PLAY

PERSONAL DETAILS

Date of birth: 27 September 1999	Father's name: RAVI R
Permanent address: B-20,KOTTUR VILLA ,5, LOCK STREET,CHENNAI-TAMILNADU ,INDIA, CHENNAI, CHENNAI, Tamil Nadu, PIN - 600085	Languages known: TAMIL, SANSKRIT, GERMAN, HINDI, ENGLISH, JAPANESE
Permanent contact number: 9962789157	Nationality: India
Passport availability: true	