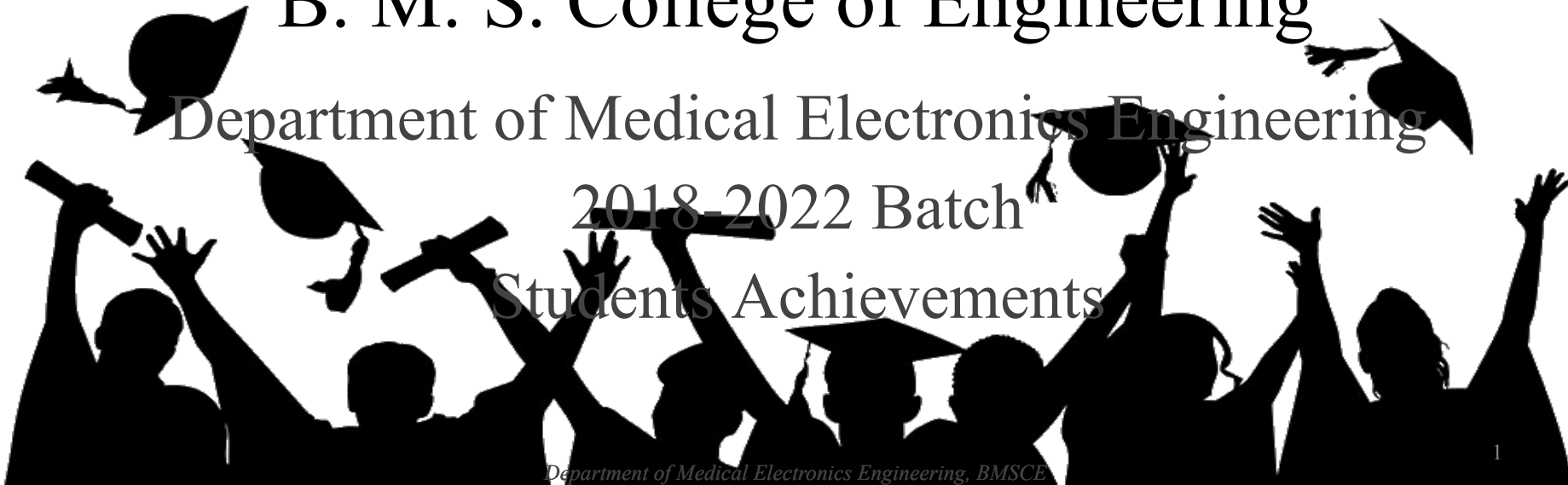


B. M. S. College of Engineering

Department of Medical Electronics Engineering

2018-2022 Batch

Students Achievements



Department of Medical Electronics Engineering, BMSCE

AJAY RAJARAMAN S.
(1BM18ML004)



Higher Education:

Masters in Biomedical Engineering in Georgia Institute of technology

Competitive Exams:

GRE, TOFEL

Awards:

First Prize in BMSCE Hackathon: Beat the Pandemic

Publications:

Automated detection of Leukemia paper was published in IJRASET

Internships:

Research Internship

from

Department of Medical Electronics Engineering, BMSCE

AMRITA CHAUHAN
(1BM18ML006)



On-Campus Placement
BHARAT ELECTRONICS LIMITED

Publications:

1) Blood Group Determination through Medical Image Processing
International Journal for Research in Applied Science and
Engineering Technology (IJRASET), Volume 9 Issue V
2021

Internship:

1)BMS College of Engineering-University of Arkansas: Global
Changemakers under Covid 19

2)University of Maryland: Researcher
- Virtual Institute of Global Health Research

ANANYA MARKANDE
(1BM18ML007)



On-Campus Placement

Indegene Private Limited

Awards

Distinguished paper award at International IISc conference

2nd best poster award at iSURF conference

Runner up of 'IDEATHON 2020 - Theme: Smart Cities' on the occasion of IEEE PES STUDENT CONGRESS 2020

Publications

1 technical paper published in Springer, 2 technical papers published in Solid state technology

Internship:

Summer Intern at FSM IITD

Intern at Newra technologies

Intern at Flyvi technologies

Massive Open Online Courses(MOOCs) completed.

Introduction to the Internet of Things and Embedded Systems on Coursera, Covid

19 tracing course on coursera

Certification in Python Programming meets up

Social

and e-Campus

ing

ANUP KUMAR PAL
(1BM18ML008)



On-Campus Placement

Sprinklr India Private Limited

Competitive Exams:

GRE

Department Topper for the Batch 2015-2019 (UG-)

CGPA: 9.27/10

Internship:

FREE HIT

ANUPAM P. PATIL
(1BM18ML009)



Publications

A computerized method of detecting Leukemia

Awards:

Intra-college kabaddi runner up

Internship:

IISC incubated cell - Arnaq med tech

MOOCs Completed

R- programming, Python for everybody

Social Services

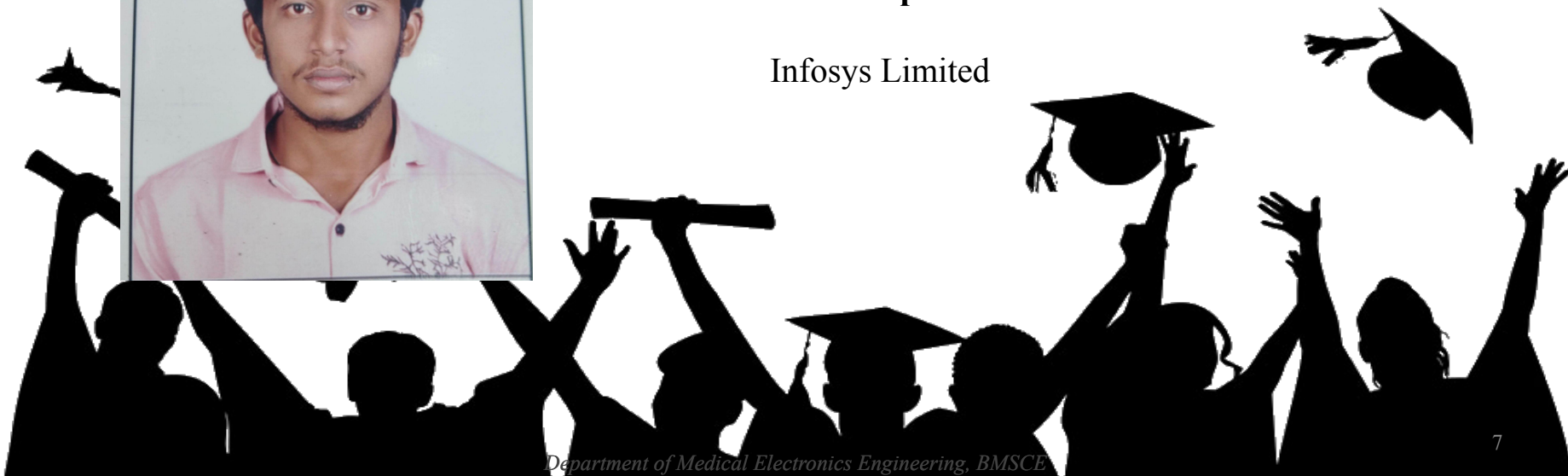
Blood donation

BASAVA KUMAR
(1BM18ML011)



Off-Campus Placement

Infosys Limited



CHANDANA LAKSHMAN HEGDE
(1BM18ML012)



Higher Education:

MS from Darmstadt University of applied sciences, Germany

Competitive Exams:

IELTS

Publications:

“Blood Group Determination through Medical Image

Internship:

CG system Evaluation Intern at Imatrix Pvt
Research internship with Maastricht MC+

Social Services:

Volunteer at H

CHANDANA R
(1BM18ML013)



Higher Education

MSc in Biomedical engineering, Imperial College London



Department of Medical Electronics Engineering, PMCC

DAKSHITHA. B
(1BM18ML014)



Higher Education

Mtech/MS

Competitive Exams

GATE

Awards

At JSS college mysore for 1st in embedded system

Internship

On Embedded system , At Siri hospital

Social Services

Health screening, plantation, Green Ganesh

M. L. DWARAKANATH
(1BM18ML016)



On-Campus Placement
BHARAT ELECTRONICS LIMITED

Publications

IoT Based Greenhouse Irrigation System
IoT Based Pulse Oximeter

Competitive Exams:

GATE

Internship:

Exposys Data Labs, M.S Ramiah Institute

Social Services:

Swacch Bharath Campaign
Go green

FLOVIA MARY XAVIER
(1BM18ML017)



Publications:

Lung Cancer Detection using Image Processing Techniques
and its Classification

IJRASET, Volume 9, Issue IX, September 2021

Internship:

QMS Intern in *BPL Medical Technologies*

G. SIDHARTHA
(1BM18ML018)



Higher Education:

MSc In

Computer

Department of Medical Electronics Engineering, EMSU

GAMINI R. GOWDA
(1BM18ML020)



On-Campus Placement

Internship:
Quantiphi



HIMANSHU MISHRA
(1BM18ML023)



On-Campus Placement

Goldman Sachs Services Private Limited

Internship:

Goldman Sachs



HITASHREE M. M.
(1BM18ML024)



Competitive Exams: CAT



HRITHIK SIVADASAN
(1BM18ML025)



On-Campus Placement

KPMG Assurance and Consulting Services LLP

Competitive Exams:

GATE

Publications

HUMAN DETECTION ROBOT FOR DISASTER
MANAGEMENT(IJEAST (Feb 2021))

Internship:

[1] KPMG Assurance and Consulting Services LLP Mar
2022 – present Working as a Cyber Digital Security and
Governance Analyst at KPMG India.[

2] Ramaiah Institute of Technology Aug 2021 – Dec 2021
Working as a Research and Development intern designing
Wearable Internal Monitoring Device

[3] Medical Engineering Journal L.K. Sivasankar
2020 – 2021

KUSHAL SAUKAR K.
(1BM18ML027)



On-Campus Placement

Infosys Limited

Deloitte India Private Limited

Internship:

Innaccel Technologies Private Ltd, Kaleitics India Private Ltd

MOOCs:

The Complete Healthcare Artificial Intelligence Course 2022,
The Arduino Platform and C++ Programming, Programming for
Everybody (Getting Started with Python), Python Data Structures

Social Services:

Co-ordinator for Bachpan Savdhani Campaign since Nov 2019

KUSHALA H.
(1BM18ML028)



Higher-Education:

University of California San Diego

Competitive Exams:

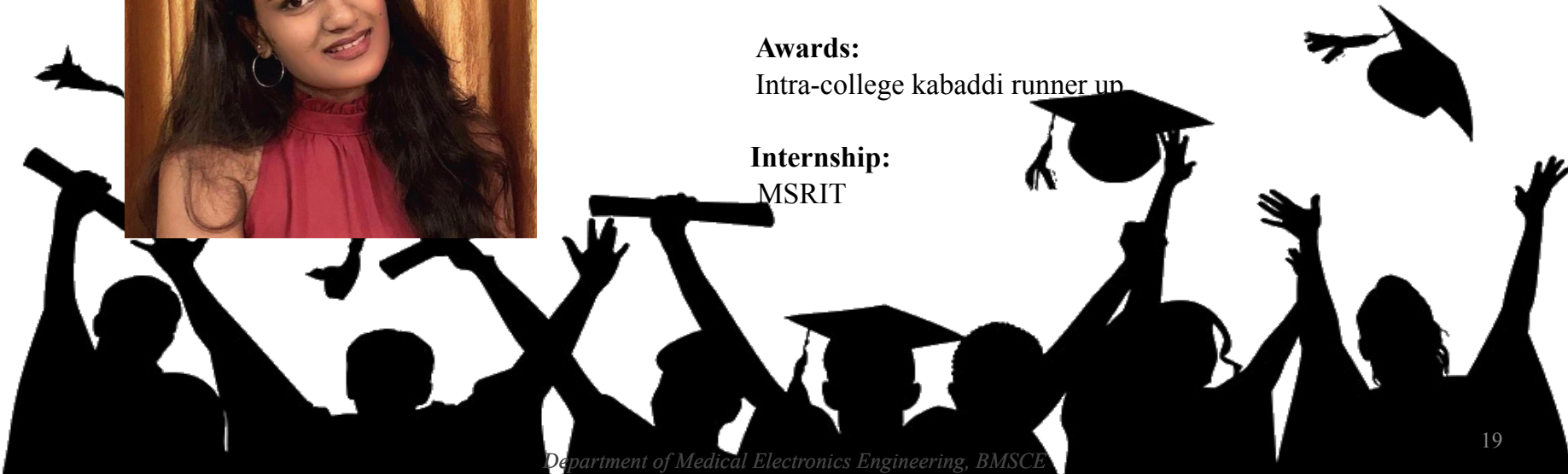
IELTS

Awards:

Intra-college kabaddi runner up

Internship:

MSRIT



KUSUMA K. B.
(1BM18ML029)

On-Campus Placement

BHARAT ELECTRONICS LIMITED

Publications:

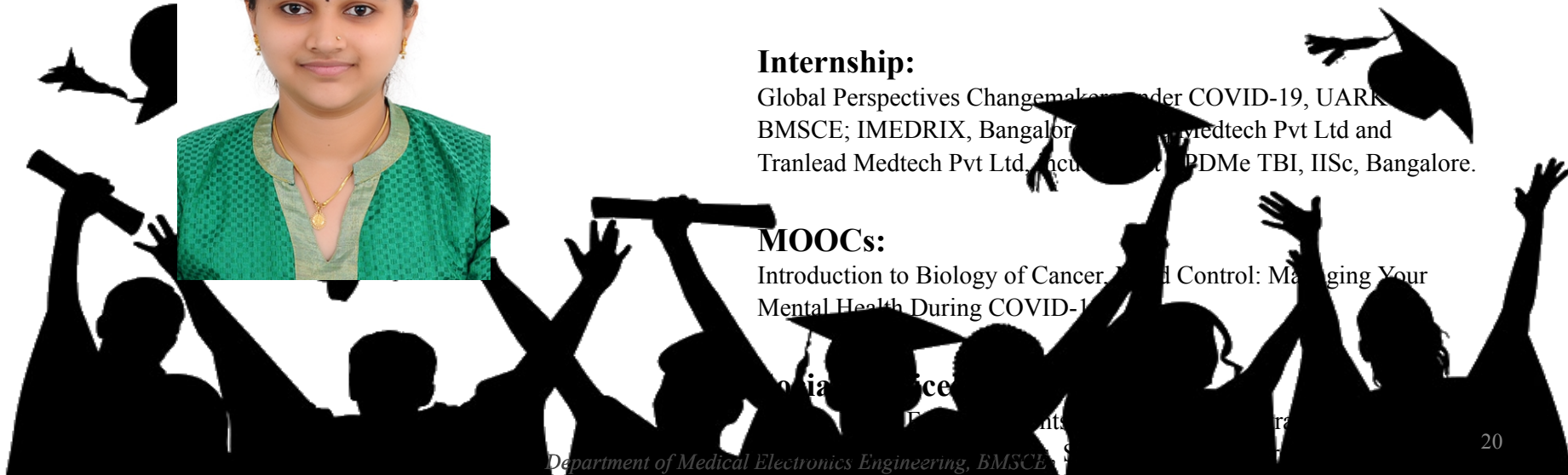
Published Paper 1: Development of Smart Band for Elderly Health Care; Published Paper 2: Self Stabilising Utensil For Patients With Impaired Motor Skills

Internship:

Global Perspectives Changemaker under COVID-19, UARK BMSCE; IMEDRIX, Bangalore, Tranlead Medtech Pvt Ltd and Tranlead Medtech Pvt Ltd, Incubator at PDMe TBI, IISc, Bangalore.

MOOCs:

Introduction to Biology of Cancer, Mind Control: Managing Your Mental Health During COVID-19



MADHURI SINHA
(1BM18ML031)



On-Campus Placement
Deloitte India Private Limited

Internship:
Piroya Technologies

Competitive Exams
GATE



MANSI. K.
(1BM18ML032)



Higher Education

Texas A&M university

Competitive Exam

IELTS

Publications

Blood group determination through Medical Image Processing.
Volume 9, Issue V, May 2021 in International Journal for Research in
Applied Science and Engineering Technology (Paper ID:
IJRASET34023)

Internship

Quality Assurance and Regulatory Affairs Intern

Social services

Health

NIDHI R. SINGH
(1BM18ML036)



Higher Education:

Mtech - VLSI and Embedded systems

Competitive Exams:

College exam , PG CET

Publications:

- The Maharaja Sayajirao University of Baroda-Heart Rate Monitoring System - ISSN:0025-0422
- IJRASET – Retinal Vessel Analysis for Detection of Glaucoma – ID:1JRASET37199
- Indian journal of Orthopedics - Statistical Analysis of Foot Thermal Images of Charcot Foot and Diabetic Study Groups

Internship:

Viral fission - 2020-2022 june ;
MS Ramiah Hospital - 6 months

MOOCs Completed:

- C and C++ - IIHT, Bangalore
- Basics of Python Certification Course by University of Michigan
- Introduction to Artificial Intelligence
- Advance Biomaterials for Biomedical Applications by AM-BA
- Basics of R Programming Certification from Johns Hopkins University
- Lab -view Certification from VI Solutions
- Image and video signal processing by IEEE Signal Processing Society Forum
- TEQIP Phase-III: Student Training on Future Technologies - Data Science
- Testing of Infusion Pump
- Advancements in 4G LTE
- X-ray session

NIKITA JAIN
(1BM18ML037)



On-Campus Placement

Quantiphi Analytics Solutions Private Limited

Publication:

Negative Pressure Wound Therapy, Pneumonia detection using Chest X-RAY

Awards:

Winner in COVID hackathon organised by BMSCE

Internships:

Airtel (1 Month) , MSRIT (3 Months) – Healthium Medtech (3 Months)
Quantiphi (6 Months- Ongoing)

MOOCs Completed:

Python for data science, Electronics with applications, Biomedical Engineering

Social Services:

Plant

Environment

RISHIKA I. S.
(1BM18ML040)



Higher Education

MS - Georgia Institute of Technology, Atlanta, USA

Competitive Exams

GRE, TOEFL

Awards

BMSCE - Hackathon: First place

Publications

Self Stabilising Utensil For People With Impaired Motor Skills, Detection of Pneumonia Using Chest X-Ray Images and Image Processing Algorithms - A Comparative Study

Internship:

Computer Vision and Signal Processing Intern
Product Development
Mechanical Innovation

SAMHITA P.
(1BM18ML043)



Off-Campus Placement

Origin Health Software Technologies Private Limited

Higher Education

Master of Science in Biomedical
Engineering

Department of Medical Electronics Engineering, BMSCE

SHASHI KIRAN L.
(1BM18ML044)



Off-Campus Placement

Origin Health Software Technologies Private Limited

Publication:

A deep learning system for the automated quantification and screening of suspected ventriculomegaly from 2D ultrasound images of the fetal brain, A new computerized method of detecting Leukemia.

Awards:

BMSCE Hackathon 2nd Place

Internship:

Origin Health, Olcademy, Verseo

MOOCs Completed:

Python for data science, Electronics with applications on Biomedical Engineering

Social Services:

Plog Run

SHRIRAKSHA M.
(1BM18ML047)



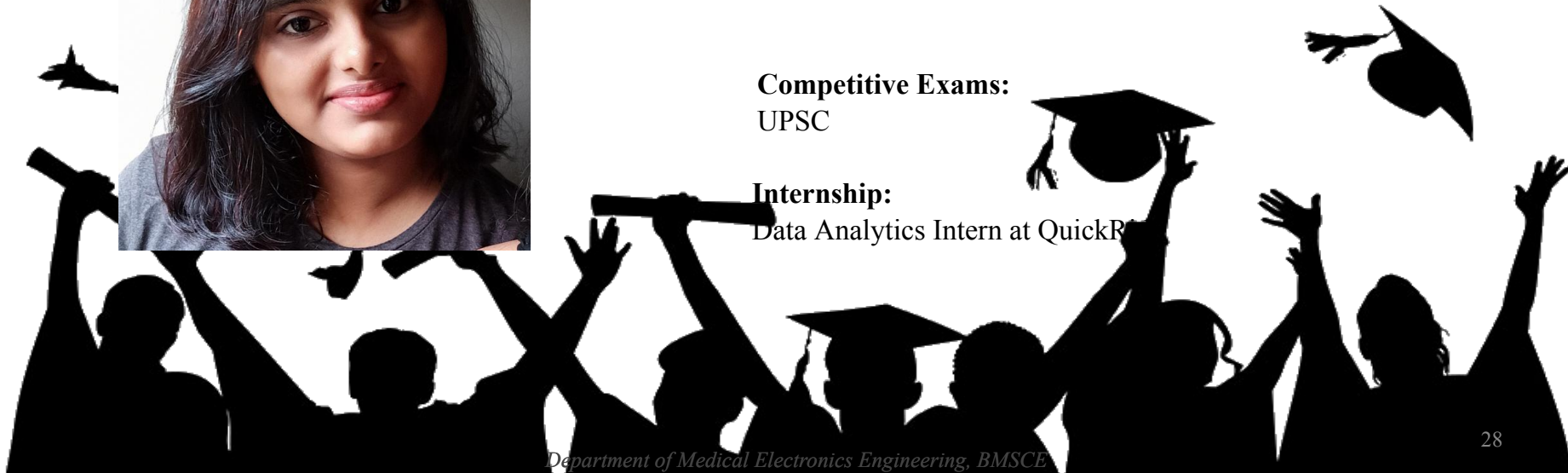
Off-Campus Placement

Publications

Development of Smart Band for Elderly Health Care
Solid State Technology

Competitive Exams:
UPSC

Internship:
Data Analytics Intern at QuickR



SRIRANGA A. U.
(1BM18ML050)



On-Campus Placement
BHARAT ELECTRONICS LIMITED

MOOCs Completed:

FPGA design for Embedded Systems, Machine learning, Python

Extracurricular Achievement

- SGRC member 2020-2021
- UTSAV organizing committee member (Senior Coordinator)- 2019, 2021
- UTSAV theme song lyricist and composer 2022
- Active performer of Nityaad for events and International conferences 2018-2022 (25+ events).
- First place in instrumental solo Natmatrishha (SES college fest) 2019
- Cultural competition winner as a teacher 2019

SUCHETA G. S.
(1BM18ML051)



On-Campus Placement
Tata Consultancy Services

Publications
2 papers

Internship:
GE healthcare

Massive Open Online Courses(MOOCs) Completed.

Social Services
Teaching and BBMP covid relief volunteer

SUKRUTH R.
(1BM18ML052)



Publications

IJRASET - iot based pulse oximeter, iot based irrigation system

Internship:

AXXONNET technologies

Massive Open Online Courses(MOOCs) Completed

Electronics and PCB design

Data

AKSHATHA KUMKUM VIJAY
(1BM18ML055)



On-Campus Placement MarketXpander Services Pvt. Ltd



VINEETH K. C.
(1BM18ML061)



On-Campus Placement

BHARAT ELECTRONICS LIMITED

Publications:

"IoT based Greenhouse Irrigation System"

"IoT based Pulse Oximeter"

Internship:

Axxonet system technology private limited

MOOCs Completed:

Python Data Structures

POOJA JIRESH
(1BM18ML065)

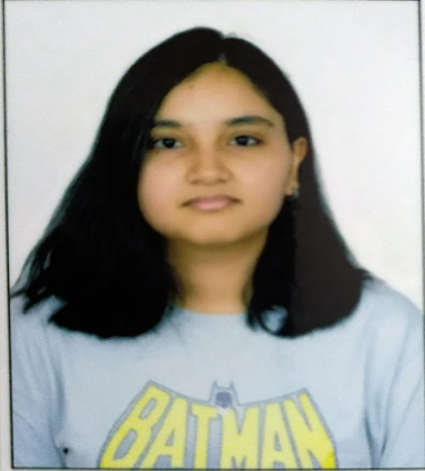


Internship:

BPL Medical Technologies Private Limited



A. KRITHIKA
(1BM18ML001)



On-Campus Placement BHARAT ELECTRONICS LIMITED



PRANAV P.
(1BM18ML039)



Higher Education

Masters in Biomedical Engineering at Georgia Institute of Technology

Competitive Exams

GRE, TOEFL

Publications

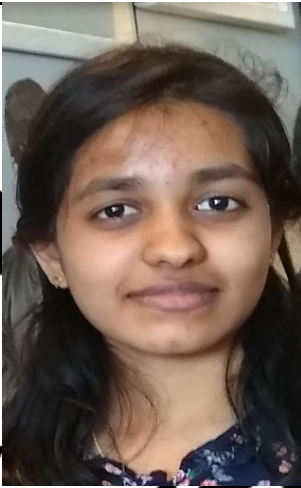
Pranav P, Samhita P, A Krithika, and Sriranga A U, "Automated Assistance for Paralytic Patients" International Journal of Engineering Applied Sciences and Technology, 2021 Vol. 5, Issue 9, ISSN No. 2455-2143, Pages 178-183. Published Online January 2021.

Pranav P and Samhita P, "Comparative Study of Segmentation Algorithms for Tumor Detection: Evaluation of an Improved Algorithm for Tumor Detection," Stochastic Modeling & Applications Vol. 26 No. 1-2 June, Special Issue 2022 Part 2). pp. 786 – 791.

Pranav and P. Samhita, "Automated Computer-aided Diagnosis for Brain Tumor Detection," 2021 13th Biomedical Engineering International Conference (BMEiCON), 2021, pp. 1-5, doi: 10.1109/BMEiCON53485.2021.9745232.

Massive Online Open Course (MOOC)

GOPIKA D.
(1BM18ML021)



Off-Campus Placement

Origin Health Software Technologies Private Limited

Awards

Merit scholarship end of even sem 2018-2019

2nd place in Beat the pandemic hackathon

Internship:

Origin Health

