

**Annual Report 2020-21**

# Introduction:

WCE ACM Student Chapter, one of the most reputed and distinguished technical chapters in Walchand College of Engineering, Sangli has been working with vision and determination since its inception in 2016, with the aspirations of the advancement of computer science as a science and a profession. We are not just an organization; we are a family, united by one cause, working towards making technology more accessible much like our parent organization, ACM.

## Objective:

To Become a Leading Association to provide learning opportunities for students through various activities to achieve technical expertise.

WCE ACM Student Chapter was formed by the Department of Computer Science & Engineering, WCE Sangli. Our chapter is a family of Computer Science, IT, and Electronics as a major. The chapter officially represents the ACM & ACM India in the Sangli-Kolhapur region. We are the only chapter representing ACM in western Maharashtra.

## Sharing Knowledge

Deriving inspiration from our parent organization, ACM, our primary goal is to impart knowledge and promote innovation in the field of computer science and we aim to achieve the same by providing numerous platforms to students to learn, build and enhance their skills.

## Overall Development

We believe in practical learning and aim for the all-round development of a student in terms of lifelong learning, career development, and professional networking along with technical skills.

## Inclusion

We are of the thought that society is the strongest when it works together and thus believe in the upliftment of women and their inclusion in technology and related fields. Our annual social event Jagruti is our step towards achieving this inclusion.

# Upcoming Activities

1. Research Symposium on Computing
2. Weekly Club Services
3. Mega Event

# 1. Research Symposium on Computing

The Fifth National Research Symposium On Computing (RSC 2021) shall be conducted on 20<sup>th</sup> and 21<sup>st</sup> March 2021, organized by CSE and IT Department of WCE, Sangli in association with Jabalpur College of Engineering , Jabalpur. The Symposium is supported by TEQUIP-III ; FinIQ, Pune; IET, Pune.

RSC provides an unique opportunity to the researchers to present their research work, interact with renowned and experienced researchers in all areas of Computer Science and Engineering as well as Information Technology.

This year, along with technical tracks there shall be a new track addition to the non-technical domain and it is E-Learning Methods during COVID-19.

Abstracts of all selected papers and posters will be published in RSC 2021 proceeding and selected full-length papers will be published in UGC care approved journal.

Symposium will be conducted via virtual Mode  
(Skype/Video-Conference) only.

**Start Date : 20 March 2021**

**End Date : 21 March 2021**

## 2. Weekly Club Services

WCE ACM aims to bridge the students to new technologies and pass on the knowledge of all domains to newly admitted freshmen.

Assistant Board has been working on various domains to be introduced to the freshers. Some of them are:

- a. Game Development
- b. Web-App Development
- c. Augmented Reality, Virtual Reality
- d. AI/ML
- e. Computer Vision
- f. Cloud Computing
- g. Quantum Computing
- h. Data Science
- i. Robotic Process Automation
- j. Cyber Security

### 3. Mega Event

In view of the ongoing Pandemic ,this year WCE ACM Student Chapter plans to organize this year's Mega Event in different format.

For this ,we plan to organize various technical events as well as non-technical events.

# Events

The events organized by WCE ACM Students chapter  
in the year 2020-2021

## 1. Intra College Events :

1.1 General Interest Meet

## 2. Other Events :

2.1 DSA Launchpad

2.2 ACM Talks

2.3 Ready Steady Code 3.0

## 1.1 General Interest Meet

GIM is an interactive cum informative orientation event for the freshmen organized by WCE ACM Assistant Board under the guidance of the Main Board. The aim is to introduce them to the club, our activities, functioning and work culture. Along with this we also conduct activities that help in multi-faceted development. This year also the GIM SYNANTO '21 was conducted and a humongous response was received.

The content of the GIM broadly consisted of two parts, The technical and the non-technical. In the technical section ,the freshers were introduced some fundamental as well as some mind-boggling aspects of technology. The technical sessions were :

- 1.Some facts about Turing Machine
- 2.What is a Computer Bug?
- 3.C and C++ Programming
4. The tech war Between Apple and Microsoft
5. Python and its Applications
6. Computation with the help of Water Droplets
7. Exploring Open Source
8. Introduction to some weird Programming Languages

Apart from this, in the non-technical part, Treasure Hunt was conducted .GIM also included a session dedicated to introduction of WCE ACM Student Chapter .After the mentoring session by Main Board the event was concluded.

**Entry Fees : 0/-**

**Date : 20 February ,2021**

**Duration : 3 Hrs.**

**Participants : 220**



## 2.1 DSA Launchpad

DSA Launchpad was an initiative by now Main Board to introduce Data Structures and Algorithms to absolute beginners. The 30 day long webinar series was supported by Coding Blocks.

Participants of the webinar series were provided topic wise webinars and notes. Along with this, there were quizzes and assignments for continuous assessments and evaluation.

Also, 2 coding contests were held to test the skills of the participants that they learnt from the series. On the basis of overall performance and contest results, top 3 performers were chosen.

Entry Fees : 0/-

Start Date : 21 May 2020

Duration : 30 Days

Participants : 100

Winners of DSA Launchpad



## 2.2 Ready Steady Code 3.0

Ready Steady Code 3.0 was yet another initiative by WCE ACM to brush up the programming skills of the students through a coding contest. This contest was held on Hackerearth platform.

Entry Fees : 0/-

Start Date : 8 June 2020

Duration : 3 Hrs.

Participants : 70

## 2.3 WCE ACM Talks

In order to provide the beginners a roadmap to future opportunities WCE ACM came up with an unique segment of experience sharing sessions ,the ACM Talks. The invited speakers shared their experiences and guided the students in various domains .The sessions were hosted on Official YouTube Channel of WCE ACM.

ACM Talks in chronological order :

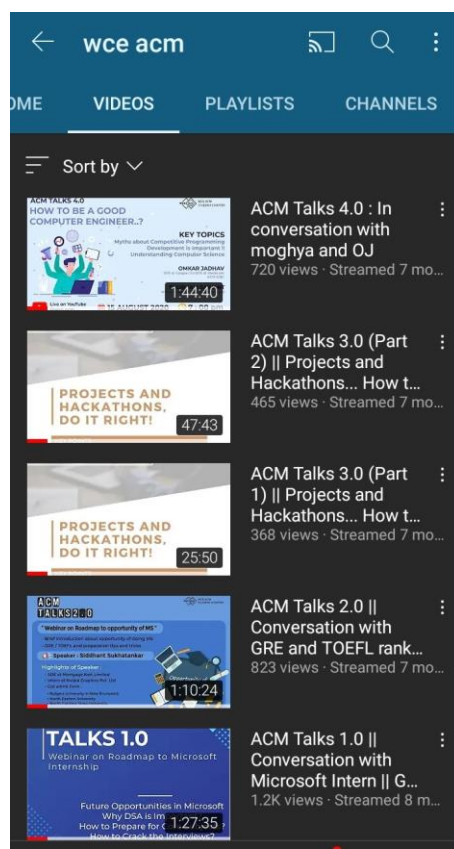
### 1.0 Webinar on Roadmap to Microsoft Internship

### 2.0 Webinar on Roadmap to opportunities of MS

### 3.0 Projects and Hackathons ,Do it Right!

### 4.0 How to be a good engineer?

WCE ACM YouTube  
Channel →



# 1.0 Webinar on Roadmap to Microsoft Internship

**Speaker** : Miss. Gautami Chate

Intern at Microsoft, WCE ACM member

**Topics discussed:**

- > Future opportunities in Microsoft
- > Why DSA is important?
- > How to prepare for core subjects
- > How to apply for interns
- > How to crack the interview

**Platform** : Youtube Channel of WCE ACM

**Date** : 26 June 2020

## 2.0 Webinar on Roadmap to opportunities of MS

**Speaker** : Mr. Siddhant Sukhatankar

SDE at Mortgage Cart Limited, Intern at Nvidia Graphics Pvt. Ltd

Admitted in Rutgers University in New Brunswick, North Eastern University, North Carolina state university, and many more.

**Topics discussed:**

- > Brief introduction about opportunities of pursuing MS
- > GRE/TOEFL preparation tips and tricks

**Platform** : Youtube Channel of WCE ACM

**Date** : 21 July 2020

## 3.0 Projects and Hackathons, Do it Right!

**Speaker** : Mr. Atharwa Adawadkar

SDE at Barclays, Winner of SIH, Winner of Global Blockchain Hackathon, Winner of Imagine Hackathon PGS Pune

**Topics discussed:**

- > How to present yourself in an interview
- > How to select the right project
- > Tips to shine in hackathons

**Platform** : Youtube Channel of WCE ACM

**Date** : 31 July 2020

## 4.0 How to be a Good Computer Engineer?

**Speakers** : Mr. Omkar Jadhav

SDE at Google

**Mr. Shubham Sawant**

MTS at Cohesity

**Topics discussed:**

- > Understanding Computer Science
- > Myths about Competitive Programming
- > Why Development is Important

**Platform** : Youtube Channel of WCE ACM

**Date** : 15 August 2020

# Ongoing Activities

1. WCE ACM ASKS

2. WCE ACM Technopedia



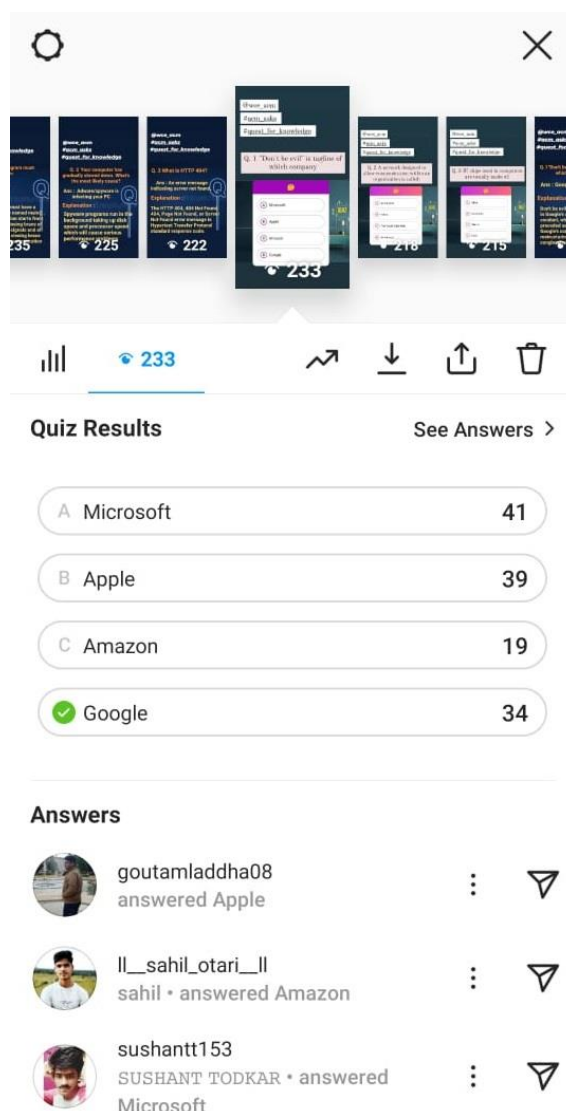
# 1. WCE ACM ASKS

A daily quiz initiative by Assistant Board of WCE ACM that mainly focuses on questions about Computer Science Fundamentals, Programming language nitty-gritties.

This activity is hosted on official Instagram handle of WCE ACM. Basically, the activity involves 3 to 4 multiple choice questions ,which are asked in the stories section of Instagram on daily basis .The answers and logic behind them are revealed in the evening on the same day. The activity has been receiving over 200+ responses each day.

To encourage the viewers we also announce ‘The Performer of Fortnight’.

## Analytics Of WCE ACM ASKS :



## Top Performers of ACM ASKS



**? ACM ASKS**

**THE TOP PERFORMERS OF THE FORTNIGHT (FE'S)**

SAURABH NAKADE  
@saurabh\_9123

2 RAVI JHA  
@ravij1218

#acm\_asks  
#quest\_for\_knowledge

well done



**? ACM ASKS**

**TOP PERFORMERS OF THE FORTNIGHT**

1 NISHI BHATE  
@nishi\_bhate

2 AKHILESH PAUL  
@akhilesh\_paul

#acm\_asks  
#quest\_for\_knowledge

well done

## 2. WCE ACM Technopedia

Another initiative by Assistant Board ,where we post weekly blogs on Instagram on various topics(eg .cryptocurrency ,IOT. etc.).This activity has been brought to action to provide the viewers with the crux of various topics and ensure sound informativeness.

This activity is aimed to serve as a Technological Wikipedia i.e. Technopedia. We plan to conduct similar activity on other social media platforms as well(Medium, LinkedIn).

### Articles from WCE ACM Technopedia :

