

MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI

(Permanently Affiliated to University of Mumbai)
DEPARTMENT OF MECHANICAL ENGINEERING
(NBA- Accredited UG Program)



RGIT'S ABIT

ACTIVITIES REPORT

BOOK

ACADEMIC YEAR 2022 – 2023

OUR VISION

To encourage innovation and research while instilling values and providing a vibrant environment for the holistic development of students into valuable global citizens.

OUR MISSION

1. To nurture technical skills, creativity and innovation while encouraging multidisciplinary interaction.
2. Expanding student's technological and cerebral awareness by honing their creative spirit, refining them and helping them discover their abilities.
3. To ensure students to be capable of working effectively as an individual and in a team to complete various projects.
4. To inculcate ethical behaviour, responsibility, and commitment among students.
5. To provide the students a platform to enhance and develop various technical skills and soft skills.

INDEX

SR NO.	CONTENTS	DATE	PAGE NO.
1.	Valedictory	01/08/2022	
2.	S.E. Orientation	12/08/2022	
3.	Blockchain Using Solidity	26/08/2022	
4.	Foreign Studies	03/10/2022	
5.	Cybersecurity	12/10/2022	
6.	Ethical Hacking	18/01/2023	
7.	How to grab Internship	21/01/2023	
8.	Web Development Camp	30/01/2023 & 31/01/2023	
9.	Code-a-Mania	11/02/2023	
10.	Programmer's Date	23/03/2023	
11.	Metaverse and Nft Minting	23/03/2023	

EVENTS
ADADEMIC YEAR 2022-23

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DEPARTMENT OF INFORMATION TECHNOLOGY



TALENTED MINDS, DILIGENT HEARTS

S.E. Orientation

Date: August 12, 2022

Dear Students,

This is to inform that ABIT-RGIT is organising an Orientation Webinar for the Second Year IT students. It will be held on 12th August, 2022 at 2:30 PM. The webinar will be headed by the H.O.D - Dr. S.B. Wankhade, ABIT Student Covenor - Prof. Nilesh Rathod and the ABIT President – Mr Muazzam Shaikh followed by all the teachers and students of IT Department. The Orientation will be hosted on Seminar hall on 1st floor. All the students are thereby requested to report in seminar hall on 1st floor sharp at 10.30 A.M.

Mr. Muazzam Shaikh
PRESIDENT
ABIT-RGIT

Mr. Gaurav Singh
CHAIRPERSON
ABIT-RGIT

Dr. S.B Wankhade
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TALENTED MINDS, DILIGENT HEARTS

BLOCKCHAIN USING SOLIDITY

Date: August 26, 2022

Dear Students,

This is to inform that ABIT-RGIT is organising an event on blockchain using solidity in collaboration with CODECELL RGIT which will be held on 26th August, 2022. A blockchain is “a distributed database that maintains a continuously growing list of ordered records, called blocks” which is used to facilitate identity management, smart contracts, supply chain analysis. This seminar will be conducted by Mr. Aditya Gole and Mr. Hersh Pathak. It will be conducted from 12:30 P.M. to 4:00 P.M. All the students are thereby requested to report in Seminar hall on 1st floor sharp at 12:30 P.M.

Mr. Muazzam Shaikh

PRESIDENT

ABIT-RGIT

Mr. Gaurav Singh

CHAIRPERSON

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Dr. S.B Wankhade

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TALENTED MINDS, DILIGENT HEARTS

Cyber Security

Date: October 12, 2022

Dear Students,

This is to inform that ABIT-RGIT is organising an event on Cyber security in collaboration with GDSC RGIT which will be held on 12th October 2022. Hey Coders! How secure is your password? Can we crack it? What if someone steals your data? Want to know how you can keep yourself protected and secure? This seminar will be conducted by Harkirath , Sameer and Anushka. It will be conducted from 10.30 A.M onwards. All the students are thereby requested to report in Seminar hall on 1st floor sharp at 10:30 A.M.

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TALENTED MINDS, DILIGENT HEARTS

Hackathon Information Session

Date: September 30th, 2022

Dear Students,

This is to inform that ABIT RGIT is organising a session on hackathon information on 30th September 2022 under the guidance of Mr. Atharva Shinde and Mr. Akshar Mehta. A hackathon, also known as a codefest, is a social coding event that brings computer programmers and other interested people together to improve upon or build a new software program. It will be conducted on classroom on 6th floor. All the students are thereby requested to report in seminar hall on 6th floor sharp at 10.30A.M.

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TALENTED MINDS, DILIGENT HEARTS

ABIT VALEDICTORY 2022-23

Date: August 1st, 2022

Dear Students,

This is to inform that ABIT RGIT is organising a valedictory function for the outgoing members of the core committee on 1st August 2022. The program will witness the felicitation, gratuitous speeches and signing off of the senior core members followed by the announcement of the new senior core members of ABIT RGIT. It will be conducted on Seminar hall on 1st floor. All the students are thereby requested to report in seminar hall on 1st floor sharp at 1.PM.

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Ethical Hacking

Date: January 18, 2023

Dear Students,

This is to inform that ABIT-RGIT is organising an event on Ethical Hacking which will be held on 18th January 2023. Ethical hacking involves an authorized attempt to gain unauthorized access to a computer system, application, or data.

Outcomes of this event:

- How to identify a malicious entry
- How to conduct a malicious activity
- How to be safe from being hacked
- What to do if you get hacked
- What can happen if you get hacked

This seminar will be conducted by Harkirath. It will be conducted from 10.30 A.M onwards. All the students are thereby requested to report in Seminar hall on 1st floor sharp at 10:30 A.M.

Mr. Muazzam Shaikh

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Prof. Ankush Hutke

Student Convenor

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How To Grab Internship

Date: January 21, 2023

Dear Students,

This is to inform that ABIT-RGIT is organising an event on How to grab internship which will be held on 21st January 2023. Many of you must be struggling with the question of where and how to hunt for the internships. We have the perfect opportunity for you.

Following points will be covered in webinar :-

- How to use LinkedIn to the fullest for professional growth.
- Freelancing opportunities.
- Art of emailing and soft skills for internship/job selections.
- How to enjoy ur college life without hampering ur growth.

This seminar will be conducted by Parth Shete. It will be conducted from 12.00 P.M onwards. All the students are thereby requested to join google meet sharp at 12:00 P.M.

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TALENTED MINDS, DILIGENT HEARTS

Web Development Camp

Date: 30th and 31st January, 2023

Dear Students,

This is to inform that ABIT RGIT in collaboration with CRID organized an event on Web Development under the guidance of Mr. Omkar Pednekar and Mr. Sagar Dapurkar.

What will you learn from this session?

- ➔ Fundamentals of Web development
- ➔ The basics of HTML, CSS, JS & React
- ➔ Create visualizations in accordance with UI/UX theories.

It will be conducted on Seminar hall on 1st floor. All the students are thereby requested to report in seminar hall on 1st floor sharp at 10:30 am.

Mr. Muazzam Shaikh	Mr. Gaurav Singh	Prof. Ankush Hutke	Dr. S.B Wankhade
PRESIDENT	CHAIRPERSON	Student Convenor	H.O.D
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TALENTED MINDS, DILIGENT HEARTS

Code-a-Mania

Date: February 11, 2023

Dear Students,

This is to inform that ABIT RGIT brings to you an online Competitive Coding event “Code-a-Mania” sponsored by Try Catch Classes and Platform Partner Geeks for Geeks. So we are here to give you an opportunity to strengthen your coding skills and gain more knowledge and experience by being in your comfort zone. It will be held on 11th February, 2023 at 11.00 am.

Benefits:

- Free one on one counselling as well as Goodies kits will be provided to top 5 winners
- Certificates will be provided to all participants
- Appreciation Certificate will be provided to top 10 winners.
- First prize: 2.5k cash prize + Guaranteed Internship + 10k worth vouchers + goodies kit
- Second prize: 1.5k cash prize + Guaranteed Internship + 5k worth vouchers + goodies kit
- Third prize: 1k cash prize + Guaranteed Internship + 5k worth vouchers + goodies kit

All the students are thereby requested to join google meet sharp at 11.00 am.

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TALENTED MINDS, DILIGENT HEARTS

Programmer's Date

Date: March 23rd, 2023

Dear Students,

This is to inform that ABIT TEAM in collaboration with STUDENT COUNCIL under ICARUS FEST 2023 are here with the most exciting event "PROGRAMMER'S DATE". Get a chance to showcase your coding skills and gain an ultimate coding experience.

RULES OF THE EVENT:

1. Team should comprise of 2 participants with a unique name of the team.
2. The whole event is of duration 2.5 hours
3. There will be 3 problem statements that will be displayed on the screen #. The Team who solves them first , wins

Entry fee:- ONLY 50/- per team

There will be Cash Prize for the TOP 3 winning teams!. It will be held on 23rd March, 2023. All the students are thereby requested to report to B11 Lab for the Competition..

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Metaverse and Nft Minting

Date: March 23rd, 2023

Dear Students,

This is to inform that ABIT TEAM in collaboration with STUDENT COUNCIL under ICARUS FEST 2023 are here with the Seminar on “Metaverse and NFT minting”.

Hey Future Innovators! Ever wondered about the fascinating world of Metaverse and NFT Minting? Curious to explore the endless possibilities and potential of these emerging technologies? This is your chance to dive into the virtual realm and unlock the secrets of Non-Fungible Tokens!

This seminar will be conducted by Ali Solanki, who will share their knowledge and insights. He will guide you through the realms of Metaverse and NFT Minting, exploring topics like virtual economies, digital art, tokenization, and more. Get ready to witness the fusion of creativity, technology, and blockchain!. It will be conducted from 9.00 A.M onwards. All the students are thereby requested to report in Seminar hall on 1st floor sharp at 9.00 A.M.

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**List of Senior Core ABIT Team
2022 - 23**

Sr. No.	Name	Post	Phone Number	Email-id
1	Muazzam Shaikh	President	8356098819	Smuamzzam4@gmail.com
2	Gaurav Singh	Chairperson	9152245346	Gauravsingh93211@gmail.com
3	Siddhanth Das	General Secretary		
4	Ritika Ghanekar	Treasurer	7710887233	ritikaghanekar308@gmail.com
5	Himanshi Singh	Vice President	7678060584	mahimanshi01@gmail.com
6	Vibha Shinde	Vice President	7718939069	vibhashinde15@gmail.com
7	Debjani Das	Joint General Secretary	9819027257	debjanidas134@gmail.com
8	Shimirika Nikam	Joint General Secretary	9082501043	shimirikanikam10@gmail.com
9	Sakshi Rathod	Event Management Secretary	9137666245	rsakshi3901@gmail.com
10	Nikita More	Event Management Secretary	9082579656	morenikita75@gmail.com
11	Moiz Khan	Event Management Secretary	9892123076	moizkhan2127@gmail.com
12	Aditya Gole	Technical Secretary	7045284960	Adityagole123@gmail.com
13	Omkar Pednekar	Technical Secretary	8169593193	omkarpednekar2002@gmail.com

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				com
14	Sagar Dapurkar	Technical Secretary	9049260057	sagardapurkar2727@gmail.com
15	Shantanu Shekadar	Publicity Secretary	9423744250	shantanu.shekadar@gmail.com
16	Rutuja Chavarkar	Publicity Secretary	9359761878	Rutuja.chavarkar02@gmail.com
17	Shoaib Khan	Publicity Secretary	9820894788	shoaibkhan.sk4u@gmail.com
18	Neeraj Gupta	Marketing Secretary	9137887236	neer8669@gmail.com
19	Sanjeev Yadav	Marketing Secretary	7021887320	sanjeevyadav368@gmail.com
20	Atish Kasar	Sports Secretary	7038874484	aatukasar@gmail.com
21	Arshi Bhaldar	Sports Secretary	8080199044	arshibhaldar06@gmail.com
22	Sagar Dapurkar	Sports Secretary		
23	Riddhi Shinde	Digital Creative Secretary	8425034679	riddhishinde@gmail.com
24	Neha Nanche	Digital Creative Secretary	7028808374	nehananche2508@gmail.com
25	Humera Girkar	Editorial Secretary	8291626321	humeragirkar@gmail.com

Mr. Muazzam Shaikh
PRESIDENT
ABIT-RGIT

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CHAIRPERSON
ABIT-RGIT

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TALENTED MINDS, DILIGENT HEARTS

List of T.E-ABIT Team 2021 - 22

Sr. No.	Name	Year	Post
1	Arti Panchal	T.E.	Team Event Management
2	Jenil Kumbhani	T.E.	Team Event Management
3	Pratik Dave	T.E.	Team Event Management
4	Aditya Gowade	T.E.	Team Event Management
5	Cheenmaya Bore	T.E.	Team Technical
6	Aakash Kshirsagar	T.E.	Team Technical
7	Vaishnavi Mishra	T.E.	Team Technical
8	Harsh Raut	T.E.	Team Technical
9	Dev Shinde	T.E.	Team Technical
10	Manav Chettre	T.E.	Team Sports
11	Vishal Pawar	T.E.	Team Sports
12	Manas Pimple	T.E.	Team Sports
13	Vishesh Pancholi	B.E.	Team Sports
14	Harsh Palan	B.E.	Team Sports
15	Parth Sawant	B.E.	Team Sports
16	Dhiraj Jadhav	T.E.	Team Digital Creative
17	Richa Sapre	T.E.	Team Digital Creative
18	Saloni Chaudhary	T.E.	Team Digital Creative
19	Sarthak Jadhav	T.E.	Team Digital Creative
20	Bhakti Bhosale	T.E.	Team Publicity
21	Nupoor Shetya	T.E.	Team Publicity
22	Dipti Apage	T.E.	Team Publicity
23	Aryaman Jha	T.E.	Team Marketing
24	Harkirath Singh	T.E.	Team Marketing
25	Pratham Bhanushali	T.E.	Team Marketing
26	Vinay Redkar	T.E.	Team Marketing
27	Yutika Nemade	T.E.	Team Editorial

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TALENTED MINDS, DILIGENT HEARTS

Sr. No.	Name	Year	Post
28	Rahul Wankhade	T.E.	Team Editorial
29	Kunj Shah	T.E.	Team Editorial
30	Shifa Shaikh	T.E.	Team Editorial

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List of S.E-ABIT Team 2022 - 23

Sr. No.	Name	Year	Post
1	Aditya Mohile	S.E.	Team Event Management
2	Siddh Barbhaya	S.E.	Team Event Management
3	Jayesh Shinde	S.E.	Team Event Management
4	Sanjana Yadav	S.E.	Team Event Management
5	Sanika Harad	S.E.	Team Event Management
6	Pradeep Pal	S.E.	Team Event Management
7	Siddhesh Wayal	S.E.	Team Technical
8	Omkar Lande	S.E.	Team Technical
9	Atharva Chikale	S.E.	Team Technical
10	Tejas Sawant	S.E.	Team Technical
11	Hrishikesh Panhalekar	S.E.	Team Technical
12	Piyush Meshram	S.E.	Team Technical
13	Bhawesh Yeole	S.E.	Team Sports
14	Ruchitha Gowda	S.E.	Team Sports
15	Mohsinali Balsania	S.E.	Team Sports
16	Vivek Jain	S.E.	Team Sports
17	Harshal Pawar	S.E.	Team Sports
18	Manthan Shinde	S.E.	Team Sports
16	Ankita Rajhans	S.E.	Team Digital Creative
17	Hritik Kanse	S.E.	Team Digital Creative
18	Divyansh Doshi	S.E.	Team Digital Creative
19	Raunak Kambli	S.E.	Team Digital Creative
20	Devansh Jadhav	S.E.	Team Digital Creative
20	Prathamesh Pukale	S.E.	Team Publicity
21	Apoorva Nikam	S.E.	Team Publicity
22	Aniruddha Sawant	S.E.	Team Publicity
23	Sanika Padme	S.E.	Team Marketing

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24	Riya Sawant	S.E.	Team Marketing
25	Piyush Joshi	S.E.	Team Marketing
26	Nisha Gupta	S.E.	Team Marketing
27	Sharayu Nagre	S.E.	Team Editorial
28	Kiran Sahu	S.E.	Team Editorial
29	Shrushti Padave	S.E.	Team Editorial
30	Ameet Mishra	S.E.	Team Editorial

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List of F.E-ABIT Team 2022 - 23

Sr. No.	Name	Year	Post
1	Parag Raut	F.E.	Team Event Management
2	Krish Shedge	F.E.	Team Event Management
3	Krishna Sharma	F.E.	Team Event Management
4	Shreyas Gade	F.E.	Team Event Management
5	Atharva Panindre	F.E.	Team Technical
6	Gitesh Rao	F.E.	Team Technical
7	Harry Sompura	F.E.	Team Technical
8	Pratik Gadekar	F.E.	Team Technical
9	Yash Rajak	F.E.	Team Sports
10	Aditya Jagdish	F.E.	Team Sports
11	Darshan Rane	F.E.	Team Sports
12	Rahul Patel	F.E.	Team Sports
13	Aaditya Mishra	F.E.	Team Sports
14	Ninad Pawar	F.E.	Team Digital Creative
15	Om Kamble	F.E.	Team Digital Creative
16	Nikunj Dalvi	F.E.	Team Digital Creative
17	Arfan Pathan	F.E.	Team Digital Creative
18	Ishan Singh	F.E.	Team Publicity
19	Raj Khutade	F.E.	Team Publicity
20	Unnati Nashirkar	F.E.	Team Publicity
21	Shreyas Meshram	F.E.	Team Publicity
22	Dheeraj Kamat	F.E.	Team Publicity
23	Saarthaki Jadhav	F.E.	Team Marketing
24	Yash Gujarathi	F.E.	Team Marketing
25	Aditya Kadam	F.E.	Team Marketing
26	Mayuresh Shinde	F.E.	Team Marketing
27	Yash Hemant	F.E.	Team Editorial

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28	Swapneel Mauru	F.E.	Team Editorial
29	Viren Hadawala	F.E.	Team Editorial
30	Vishaka Irabatti	F.E.	Team Editorial

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IT DEPARTMENT



Report On: Orientation for Second Year Students

- **Held on:** 12th August 2022
- **Time:** 2:00 PM to 3:10 PM
- **Venue:** Seminar Hall

ABIT organized an orientation programme for the students of Second Year of IT Department on 12th August 2022. It began with the welcoming of all the faculty members, and students from second year by the Event Management Secretary of ABIT, Harkirath Singh.

This was followed by Dr. Sunil Wankhade, H.O.D of IT Department addressing the audience and giving their insight about IT Department and introduced all the faculty members. He gave us a great speech and concluded by wishing best of luck to the students for their future endeavours and motivated them to join the ABIT family.

Thereafter, information about Training and Placements were given. Starting off with the introduction of the IT Department Committee (ABIT) , the senior core members of ABIT were introduced along with their role description and areas of work in brief. the Students were then walked through the activities/events conducted by ABIT in the previous tenure.

Finally, the event concluded with the question-and-answer session and the Event Management Secretary Nupoor Shethye extending the vote of thanks to all the participants.

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IT DEPARTMENT



Report On: Blockchain using Solidity

- **Held on:** 26th August 2022
- **Time:** 12:30 PM to 4:00 PM
- **Venue:** Seminar Hall

ABIT RGIT in collaboration with CODECELL organized an event on blockchain using solidity under the guidance of Mr. Aditya Gole and Mr. Harsh Pathak.

A blockchain is “a distributed database that maintains a continuously growing list of ordered records, called blocks”. Blockchain is used to facilitate identity management, smart contracts, supply chain analysis, and much more.

The event started with the speakers giving the introduction and history of WEB and the need of decentralized system. Then further they explained the concept of blockchain, its features and the tools used in blockchain.

The event was targeted towards students who had no basic information about blockchain. It was conducted from basics of blockchain and the solidity which helped students to understand the concepts.

The following steps are followed to understand the concepts in proper way

1. Downloaded the metamask extension.
2. Performed further steps to proceed.
3. Connection of chainlink with the metamask account using the chainlink faucet link.
4. Started the transaction.
5. Coding on cryptozombie.io.

The students understood the blockchain and learned how to create account and make transactions. Thus, the session ended on a positive note.

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Report On: Cyber Security

- **Held on:** 12th October 2022
- **Time:** 10.30 A.M onwards
- **Venue:** Seminar Hall

ABIT RGIT in collaboration with GDSC RGIT organized an event on Cyber Security under the guidance of Mr. Harkirath, Mr. Sameer and Ms. Anushka.

Cybersecurity - A Practice of Protecting the Digital World"* Cybersecurity attacks can lead to identity theft and extortion attempts, causing serious damage to a person's life.

The event started with the speakers giving the introduction of Security and cybersecurity and the need of cybersecurity. Then further they explained the concept of cybersecurity in detail, its features and the tools used in cybersecurity.

The event was targeted towards students who had no basic information about cybersecurity. It was conducted from basics of what is the importance of cybersecurity and how human factor is a threat in cybersecurity which helped students to understand the concepts in more detailed way.

The students understood the types of cybersecurity statistical approach over the years, types of cyber threats Common methods used to threaten Security Ethical hacking and further taught the difference between CS and EH. Thus, the session ended on a positive note.

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Report On: Hackathon Information Session

- **Held on:** 30th September 2022
- **Time:** 10:30 AM to 11:30 AM

ABIT RGIT organized a session on hackathon information on 30th September 2022 under the guidance of Mr. Atharva Shinde and Mr. Akshar Mehta.

Hackathon is an event at which a lot of people come together to write or improve computer programs. A hackathon, also known as a codefest, is a social coding event that brings computer programmers and other interested people together to improve upon or build a new software program.

The event started with the speakers giving the information about the hackathon. Further, they explained the step by step process to get into the hackathon and shared their experience of the hackathon.

The session concluded with the question-and-answer session.



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Report On: VALEDICTORY 2022-2023

- **Held on:** August 1st, 2022
- **Time:** 01:00 P.M-02:00 P.M
- **Venue:** Seminar Hall

An industry set forth in the recent past - Information technology - has evolved with superlative momentum, and accrued a dignified status for itself, and all those associated with it. Information technology is one such field that helps to insinuate, and develop business acumen, and operational tenacity.

To promote the same ideology, and make a fundamental difference in the digital society, our department including students, faculty and staff altogether took an initiative and formed one of the leading committees of our college, Association of Budding Information Technocrats (ABIT) that has been bringing forth the budding scientist that lies within every individual since its inception in 2002.

Our committee believes that each and every individual has, as it is said: “**Talented Minds, Diligent Hearts**”.

Like every year, the journey of this year’s student core came to an end and to felicitate the outgoing batch, a valedictory ceremony was conducted on August 1st, 2022 under the banner of ABIT.

The event began with the opening address by Pratik Dave in which he welcomed all the faculties and students to the valedictory function. Thereafter, Rhythm Performed. Felicitation of all the pass out students of ABIT Senior Core.

Dr. S.B Wankhade (**H.O.D**), Prof. Nilesh Rathod (**Student Convenor**) gave the speech. Riddhi Dange , Jinisha Kande and Smit Shah gave the speech sharing their memories and learning of the past one year they had, and also expressing their gratitude towards the teachers of the department who guided them throughout this journey. This was followed by all the senior core members.

At last, the event was concluded with the announcement of the new Senior core of ABIT by Riddhi Dange(President) of outgoing Senior Core followed by the vote of thanks.

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List of ABIT Senior Core 2021-2022

S.No.	Name	Year	Post
1	Muazzam Shaikh	B.E	President
2	Gaurav Singh	B.E	Chairperson
3	Siddhanth Das	B.E	General Secretary
4	Ritika Ghanekar	B.E	Treasurer
5	Vibha Shinde	B.E	Vice President
	Himanshi Singh		
6	Debjani Das	B.E	Jt. General Secretary
	Shimirika Nikam		
7	Nikita More	B.E	Event Management Secretary
	Moiz Khan		
	Sakshi Rathod		
8	Neeraj Singh	B.E	Marketing Secretary
	Sanjeev Yadav		
9	Aditya Gole	B.E	Technical Secretary
	Sagar Dapurkar		
	Omkar Pednekar		
10	Atish Kasar	B.E	Sports Secretary
	Arshi Bhaldar		
	Sagar Dapurkar		
11	Rutuja Charvarkar	B.E	Publicity Secretary
	Shoaib Khan		
	Shantanu Shedakar		
12	Humera Girkar	B.E	Editorial Secretary
13	Riddhi Shinde	B.E	Digital Creative Secretary
	Neha Nanche		

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Report On: How to grab internships

- **Held on:** 21st January, 2023
- **Time:** 12:00 PM to 1:30 PM

As everyone is aware, an internship offers a student the chance for career exploration and development as well as the acquisition of new skills. Under the direction of Mr. Parth Shete, ABIT RGIT hosted a webinar on How to grab internships on January 21, 2023, to underline the value of internships.

Mr. Parth Shete shared his career journey as the session got underway. He continued by describing how to create a LinkedIn profile using his own LinkedIn profile as an example. He then demonstrated to all of the students how to use LinkedIn to find internships.

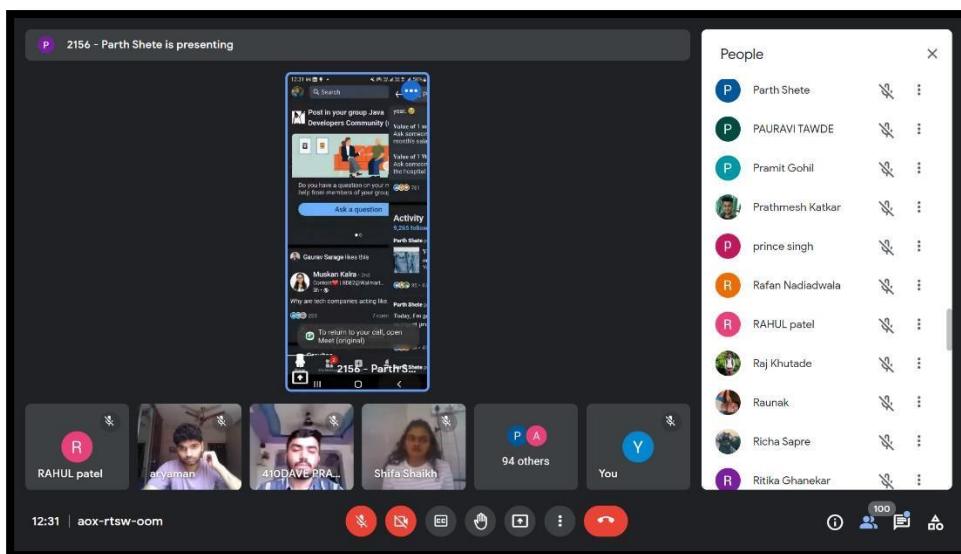
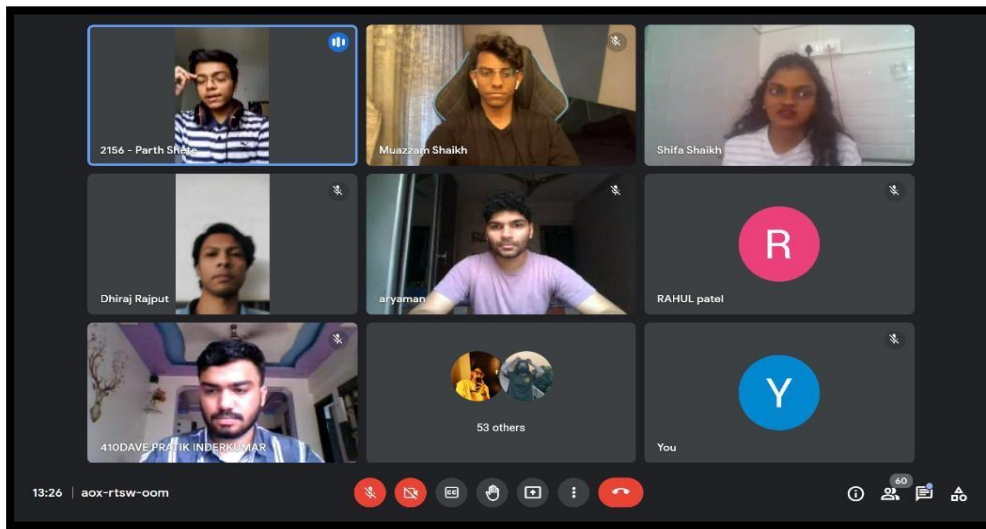
Students who had no basic notion where to look for internships were the target audience for the event. The students received explicit instructions on how to create a LinkedIn profile that will enable them to land an internship. The question-and-answer period brought the meeting to a close.

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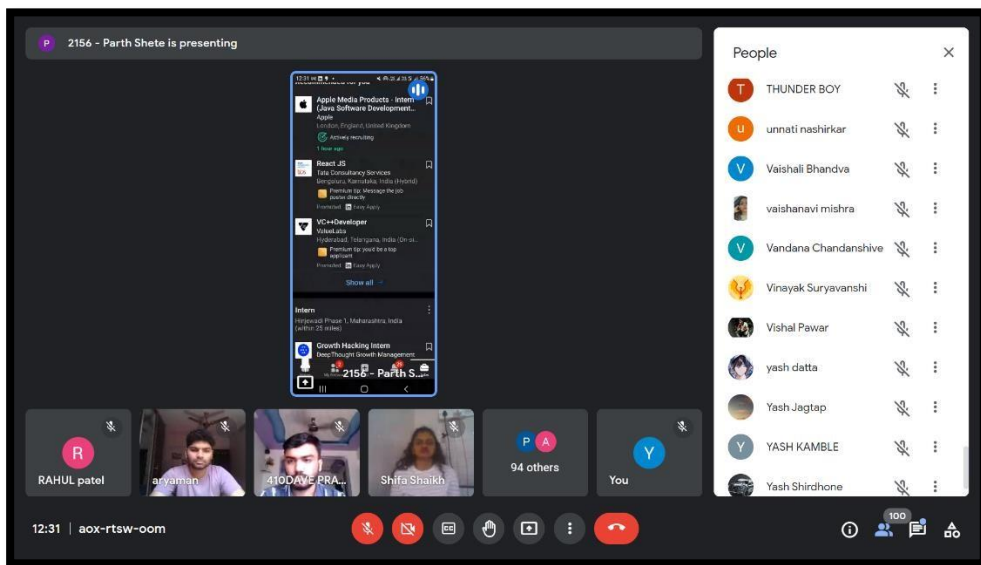


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Report On: Web Development Camp

- **Held on:** 30th and 31st January, 2023
- **Time:** 10:30am onwards
- **Venue:** Seminar Hall
- **Speaker:** Mr Omkar Pednekar and Mr. Sagar Dapurkar

ABIT RGIT in collaboration with CRID organized an event on Web Development under the guidance of Mr. Omkar Pednekar and Mr. Sagar Dapurkar.

Web Development is the practice of developing websites and web apps that live on the internet.

The event started with the speakers giving the brief introduction about the workshop by guiding the audience through the basic structure of websites and their structure. Further, the installation and setup of VScode, software for code construction and compilation, with two key extensions, prettier and live server, was completed.

Web development being one of the most popular courses for beginning level coding enthusiasts, host introduced three major languages used to construct websites i.e., HTML, CSS and JavaScript.

Starting with HTML, hosts spoke about the basic syntax, tags, elements, use of selectors. It was an interactive session with live coding performed by the participating students as well and building their very own websites. First day concluded with little introduction to CSS.

Day 2 started with hosts briefing about the previously done session about HTML, simultaneously solving the doubts of students. Continuing with CSS, host spoke about the CSS basics including CSS syntax, tags and selectors. Later grid system and box model were briefed.

At 12pm felicitation event of HODs of IT and AIDS was held.

The day concluded with a short quiz on kahoot, it was based on the entire session of web development.

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The students understood the web development and learned how to create frontend of a websites. Thus, the session ended on a positive note.



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Report On: Ethical Hacking

- **Held on:** 18th January 2023
- **Time:** 10.30 A.M onwards
- **Venue:** Seminar Hall

ABIT RGIT organized an event on Ethical Hacking under the guidance of Mr. Harkirath. Ethical hacking involves an authorized attempt to gain unauthorized access to a computer system, application, or data. Carrying out an ethical hack involves duplicating strategies and actions of malicious attackers.

The event started with the speakers giving the introduction of ethical hacking and the need of ethical hacking. Then further they explained the concept of ethical hacking in detail, types of attackers and the tools used for hacking.

The event was targeted towards students who had no basic information about hacking. It was conducted from basics of what is the importance of it to prevent data from being stolen and misused by malicious attackers, as well as: Discovering vulnerabilities from an attacker's POV so that weak points can be fixed. Implementing a secure network that prevents security breaches which helped students to understand the concepts in more detailed way.

The students understood the types of attackers in hacking over the years, steps of hacking was also explained by the speaker and further taught the difference between CS and EH. Thus, the session ended on a positive note.

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Report On: Metaverse and Nft Minting

Date: 23rd March, 2023

Time: 9.00 A.M. onwards

Venue: Seminar Hall

ABIT RGIT recently organized an insightful event on Metaverse and NFT Minting, aimed at shedding light on these cutting-edge technologies. The event took place in the Seminar Hall and attracted a diverse audience of students and tech enthusiasts.

The session commenced with the speakers providing an engaging introduction to the world of Metaverse and NFT Minting. They emphasized the growing importance of these technologies and their potential impact on various industries. The speakers, with their expertise and passion, created an atmosphere of excitement and curiosity among the attendees.

Throughout the event, the concept of Metaverse was explored in detail. The audience gained a deeper understanding of how virtual worlds are created, experienced, and shared. The speakers showcased examples of existing Metaverse platforms and discussed the possibilities they offer, such as immersive experiences, virtual economies, and social interactions.

The topic of NFT Minting was also extensively covered during the event. The speakers elucidated the significance of non-fungible tokens in the digital realm, emphasizing their role in revolutionizing ownership, digital art, and collectibles. The attendees were introduced to the process of minting NFTs, including the creation, validation, and trading aspects.

The event catered to both beginners and those with prior knowledge of the subject matter. The speakers took a comprehensive approach, starting from the basics and gradually diving into more advanced concepts. The audience was guided through the potential applications of Metaverse and NFTs in diverse fields, such as gaming, art, music, and virtual real estate.

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Interactive discussions and Q&A sessions were encouraged throughout the event, allowing participants to seek clarification and engage with the speakers. The enthusiasm and active participation of the attendees added value to the overall experience.

As the session drew to a close, the attendees left with a newfound appreciation for the vast possibilities that Metaverse and NFT Minting hold. The event succeeded in inspiring and sparking curiosity among the students, motivating them to further explore and innovate in these domains.

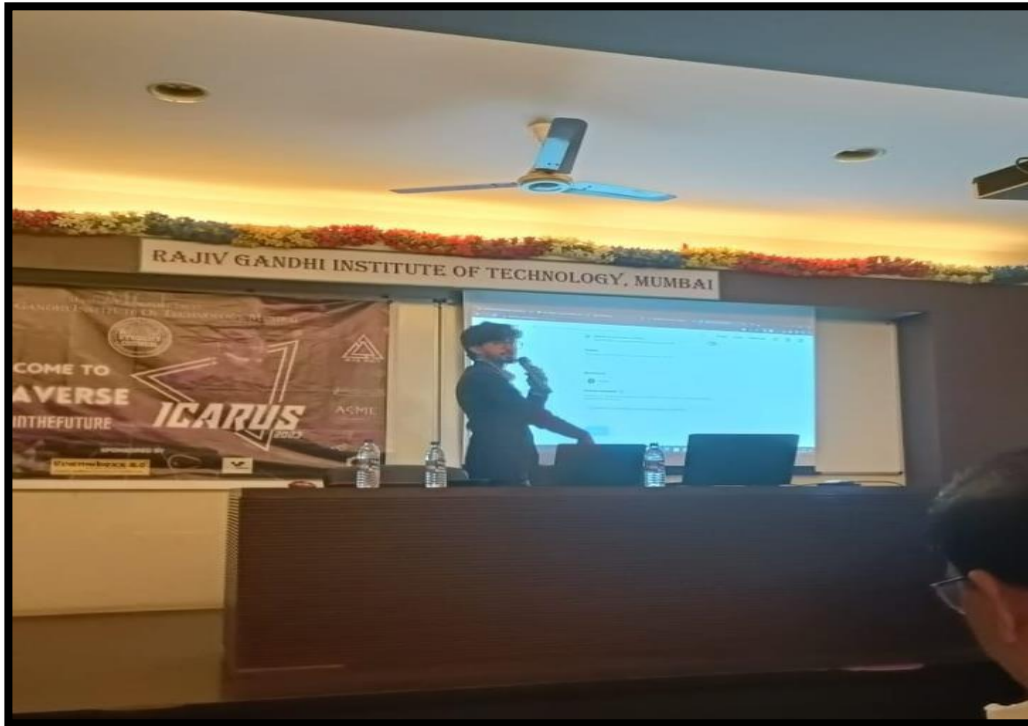


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