Reflection

NEWSLETTER

Volume : MMXXIV
Issue : 3
July-Aug-Sep 2024

2024

IN THIS ISSUE

Letter From The Editor

The third quarter at Ramdeobaba University was marked by a vibrant blend of academic, cultural, and developmental milestones. From hands-on workshops in IoT, AI, and advanced engineering tools to celebrated events like Gyanodaya, Independence Day performances, and the inauguration of the Digital Tower by the Hon'ble Vice President of India, the campus was alive with energy and purpose. Faculty and students alike excelled in research, patents, publications, and national-level competitions, while robust placement drives brought record offers, including prestigious international opportunities.

As we continue our journey as a newly transformed university, these months have reinforced our commitment to blending tradition with innovation. The dedication of our faculty, the enthusiasm of our students, and the unwavering support of our alumni and partners have been the driving force behind our progress. We look forward to building on this momentum, nurturing talent, and creating more platforms for learning, discovery, and societal impact in the quarters ahead.

Happy Reading !!!

Transformation to RBU

- **By virtue of Maharashtra Private Universities Act 2023 and recognition by Sec 2(f) UGC Act 1956 (Mah Act no. VIII of 2024).**

- **RCOEM is now transformed to RBU progressively from session 2024-25**

Vision :

Advancement of knowledge through education, research, and innovation in pursuit of nation-building.

Mission :

- Providing quality education that builds a foundation for life-long learning.
- Striving continuously for creating an intellectually stimulating environment for research, innovation, and entrepreneurship.
- Developing professionals and future leaders with ethical values to serve the society.

About Ramdeobaba University

Ramdeobaba University (RBU) is a self-financed University approved by the Government of Maharashtra and the University Grant Commission, New Delhi. It stands as a testament to a forty-year educational journey, rooted in the cultivation of human potential with a strong emphasis on universal values. Formerly known as Shri Ramdeobaba College of Engineering and Management (RCOEM), the university inherits a rich legacy from its predecessor.Established in 1984 by the Shri Ramdeobaba Sarvajanik Samiti, Nagpur, under the visionary leadership of founding chairman Shri Banwarilal Purohit, Former Governor of Punjab and Administrator of Chandigarh, RCOEM saw a transformative era under the stewardship of Shri Satyanarayan Nuwal, Chairman of Solar Group of Industries, recognised among India's top 100 CEOs. His leadership propelled RCOEM to national prominence, evident through its NIRF ranking, A+ NAAC grade, Diamond Rating by QS I-Gauge, Innovative Campus Award, National Employability Award, and various other accolades.Bolstered by a robust startup ecosystem and five Centers of Excellence in collaboration with industry giants like Tata Technologies and NVIDIA, RBU provides students with exposure to cutting-edge technologies. Its alumni, comprising unicorn founders and leaders in global organizations, further enriched the legacy.In pursuit of broader progress, RCOEM has now evolved into Ramdeobaba University. Spanning 17 acres in Nagpur, Central India, RBU houses five schools such as the School of Engineering Sciences, School of Electrical and Electronics Engineering, School of Computer Science and Engineering,

School of Management and School of Humanities and Sciences. It also offers various courses in multidisciplinary domains covering Indian Knowledge System, Languages and Entrepreneurship. Offering a diverse array of undergraduate, postgraduate, Ph.D., certificate, and value-added courses, RBU blends modern and traditional knowledge systems. RBU's Online Certificate Courses cater to regional needs, providing quality education and skill development for local industries. Collaborations with national and international institutions and industries enhance exposure to global technologies, equipping students to compete globally. Ramdeobaba University cultivates holistic growth and empowers students to spearhead global progress, merging contemporary and traditional knowledge systems within a dynamic learning milieu.

History of Ramdeobaba University (Formerly RCOEM)

RBU formerly Shri Ramdeobaba College of Engineering and Management, Nagpur (RCOEM), named after Shri Ramdeobaba, a fourteenth century saint was established in 1984 by Shri Ramdeobaba Sarvajanik Samiti (SRSS)- A Registered Charitable Trust. The founder of the college is Shri Banwarilal Purohit, who is former Hon'ble Governor of Punjab and Administrator of the Union Territory of Chandigarh. He is also former Governor of Tamil Nadu and Assam.

Shri Satyanarayan Nuwal is presently the Chairman of Shri Ramdeobaba Sarvajanik Samiti. He is the president of Solar Industries Limited and has been named among the Best 100 CEO of India by Business Today. RBU formerly RCOEM, an Autonomous Institute affiliated to Rashtrasant Tukdoji Maharaj Nagpur University Accredited by NAAC with A+ Grade. The Institute has been consistently ranked by various ranking agencies like National Institutional Ranking Framework (NIRF) and also by magazines like India Today, Competition Success Review (CSR), Outlook, etc.

RBU is recognized as a place of higher learning for engineering and management disciplines and has five centers of excellence supported by industries. RCOEM- TATA-CIIIT (Center of Invention, Innovation, Incubation and Training), NVIDIA - Center of Excellence in the area of "Artificial Intelligence & Machine Learning", Center for Microsystems with Intellisense, Energy Research Center (ERC), RCOEM-QCFI Center of Human Excellence for promoting innovation and research.

To impart impetus to innovation eco system, the Institute has established "RCOEM Technology Business Incubators Foundation" (RCOEM-TBI), a section 8 company. RCOEM-TBI is presently nurturing/incubating more than 25 start-ups. RBU is a preferred partner of the corporates in terms of providing human resource solutions and this is evident from the fact that every year RBU students receive excellent Job offers.

Milestones

1984 : Established

2001 : First NBA Accreditation

2004 : Permanent Affiliation to RTMNU

2006 : ISO Certification

2009 : Silver Jubilee Celebrations in presence of Dr. APJ Abdul Kalam

2010 : listed 2(f) 12(b) institution under UGC

2011 : Grant Of Autonomy

2014 : Graded "A" by NAAC

2016 : 86 th Rank In NIRF Establishment of RCOEM TBI

2017 : 64 th Rank in NIRF

2019 : 2019 Act National Doctoral Fellowship

2020 : TATA RCOEM CIIIT

2021 : NIRF Top 200 (Overall) NVIDIA Centre Of Excellence

2022 : Graded "A" by NAAC

2023 : QS I-Gauge International Rating Grant of Empowered Autonomous Status

2024 : Ramdeobaba University (RBU)

Appointment of Chancellor

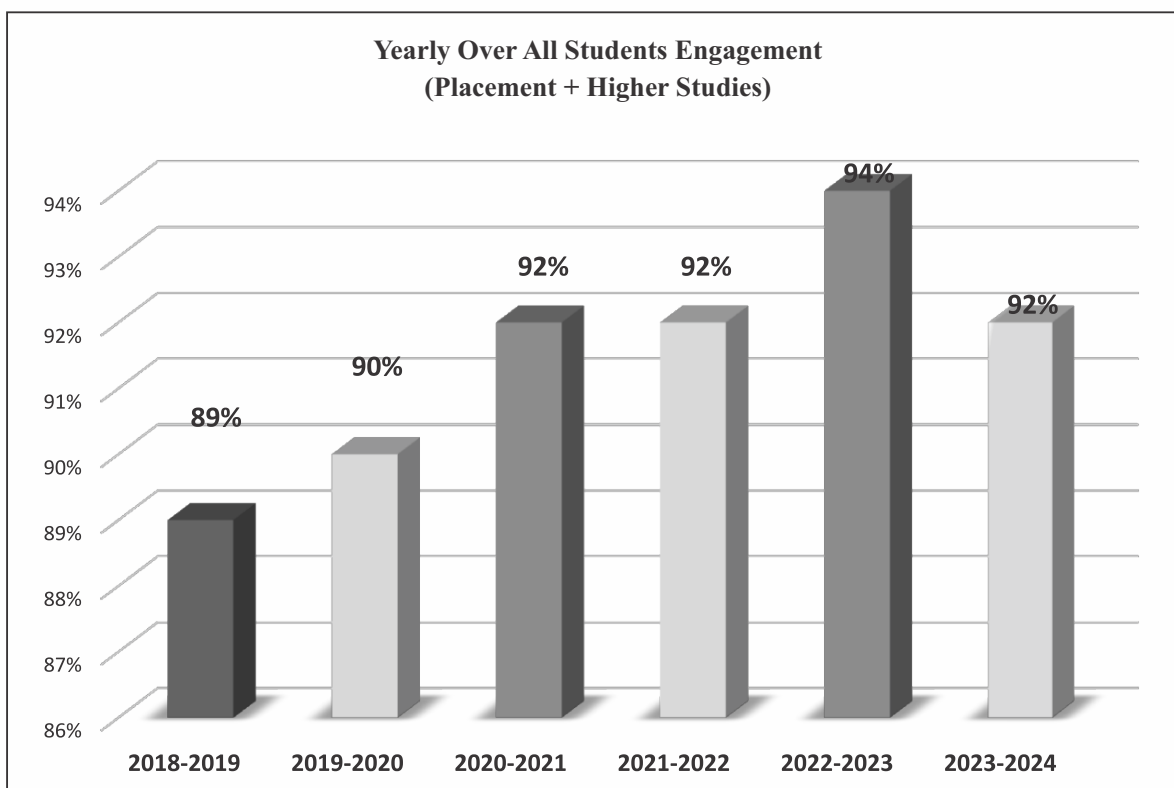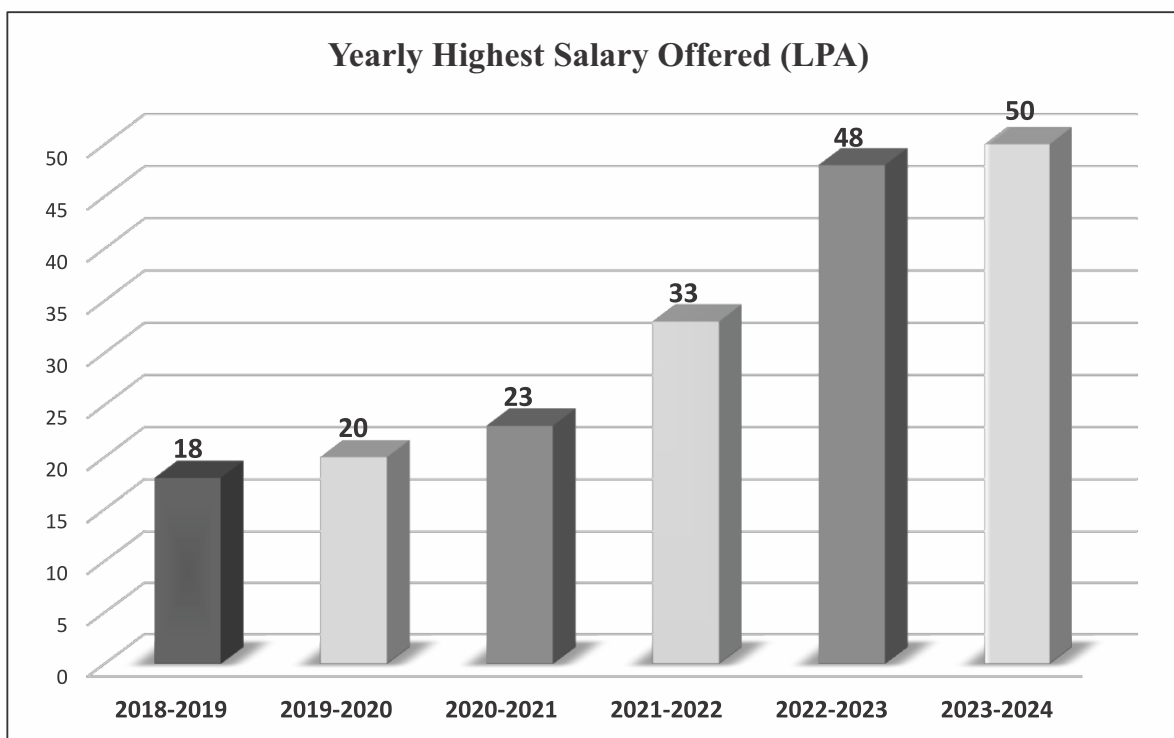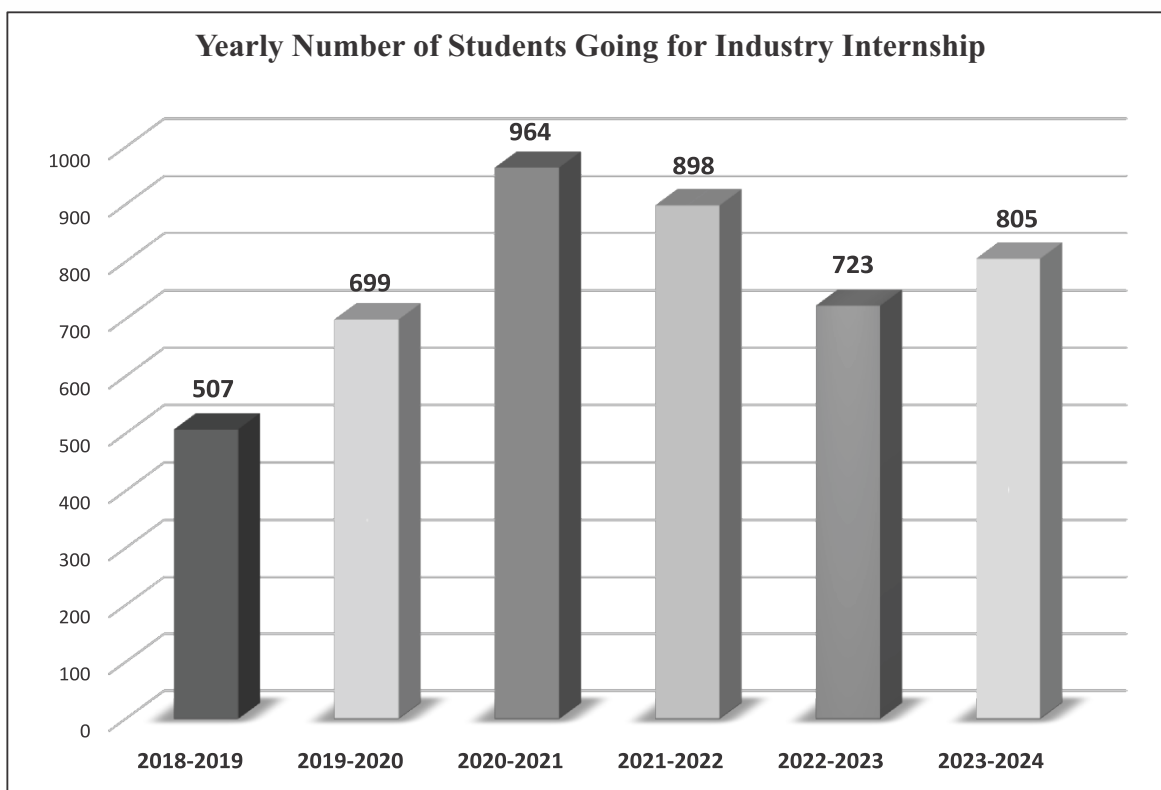Former Chairman AICTE, Dr. S. S. Mantha is appointed as Chancellor of Ramdeobaba University.

Dr. Shankar S Mantha (Chancellor)

Career Development & Placement Cell
Placement Statistics- 2024 Passing out Batch till Oct-2024

Highest Salary offered by Companies - 2024 Batch		
Sr. No.	Name of Company	
1	Aramco (Saudi Arabia)	
2	LG Ads Solutions	
	Total Offers	1185 Nos (Multiple Offers)
	Student Engagement	92%
	Unique Placement	85%
	Median	5.2
	Highest Salaries	50LPA by Aramco (Saudi Arabia), 37 LPA by LG AD Solution, 23 LPA by D.E. Shaw, 22 LPA by Nutanix, 19 LPA by Porter, 16.3 LPA by DarwinBox, 15 LPA by Cisco, 14 LPA by Philips, 14 LPA by NVIDIA , 13.5 LPA Sahaj, 12 LPA by Schneider, 11.5 LPA by Varroc
	International Job Offers	Taurani Holdings Limited, UAE & JTP Japan
	International Internship Offer	Taiwan Cheng Kung University Taiwan
	Mass Recruiters	149 offers in Accenture, 101 offers in IBM, 75 offers in TCS, 55 offers in Cloud 4C
	Highest Stipend	Two Lakh Rs. Per Month by ALPHONSO LABs
	Companies Visited	98
3	D.E. Shaw	
4	NUTANIX	
5	Porter	
6	Darwinbox	
7	Kickdrum	
8	CISCO	
9	NVIDIA	
10	Philips	
11	Sahaj	
12	Schneider	
13	Varroc	

Sr.No.	Branch	Placement Per%	Students Engagement Per%
1	**CSE (DATA SCIENCE)**	91%	96
2	**Information Technology**	91%	94
3	**Computer Science & Engi.**	90%	98
4	**Electronics and Comm.**	90%	92
5	**Electrical Engineering**	89%	91
6	**Electronics Engineering**	86%	95
7	**CSE (AIML)**	85%	94
8	**CSE (CYBER SECURITY)**	82%	94
9	**Biomedical Engineering**	81%	81
10	**Civil Engineering**	80%	85
11	**Mechanical Engineering**	72%	88
12	**Industrial Engineering**	63%	76
	UG Total	**85%**	**92%**
13	**MCA**	80%	--
14	**M.Tech.**	55%	--
15	**MBA & MBA-Integrated**	55%	--

Yearly Highest Salary Offered (LPA)

Year	Value
2018-2019	18
2019-2020	20
2020-2021	23
2021-2022	33
2022-2023	48
2023-2024	50

Yearly Over All Students Engagement
(Placement + Higher Studies)

Year	Value
2018-2019	89%
2019-2020	90%
2020-2021	92%
2021-2022	92%
2022-2023	94%
2023-2024	92%

Highest Stipend Offered (Rs.) Per Month

Year	Stipend
2018-2019	45000
2019-2020	60000
2020-2021	80000
2021-2022	100000
2022-2023	150000
2023-2024	200000

Yearly Number of Students Going for Industry Internship

Year	Number of Students
2018-2019	507
2019-2020	699
2020-2021	964
2021-2022	898
2022-2023	723
2023-2024	805

Total Number of Companies Visited in a Year

Year	Companies Visited
2018-2019	110
2019-2020	122
2020-2021	126
2021-2022	131
2022-2023	113
2023-2024	98

RCOEM-TATA-CIIIT
(Center for Invention Innovation Incubation & Training)
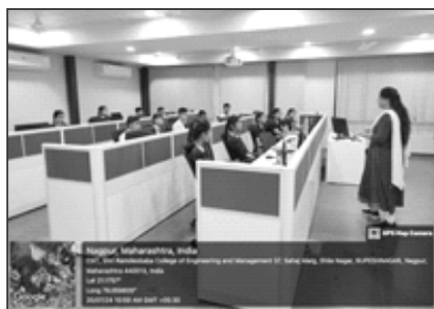
[A] Training Programs :

1] A **one-month internship program** on **"Internet of Things (IoT)"** was conducted from **June 3rd, 2024 to 13th July 2024,** for students of **Government Polytechnic, Gondia,** at RCOEM-TATA-CIIIT. The training was given by Dr. Chithraja Rajan and Dr. Bhumika Neole, Assistant Professors from the departments of CSE (AIML) and ECE, respectively. The **certificate distribution ceremony** was held on July 15th, 2024, at 3 p.m. The certificates were issued to all participant at the hands of **Dr. Rajesh Pande, Hon'ble Vice Chancellor of RBU, and Dr. Rupesh Pais, Director TBI** in the presence of Mrs. Gedam and Mrs. Padwekar, Faculty member from Govt. Poly. Gondia. 3 students gave encouraging feedback about the course.


2] A one-day training program on **"Solid Modeling 3D Printing and Internet of Things (IoT)"** was conducted on **20th July 2024** for students of **Sandipani School, Nagpur,** from 10.30 am to 5.30 pm, held at RCOEM-TATA-CIIIT in association with the **Nagpur Sahodaya School Complex, Nagpur.** A total of **17** students participated in which training was given by Dr. A K Jha and Mr. Shrikant Wankhede on solid modeling and 3D printing, Dr. Bhumika Neole and a hands-on session by Mr. Umendra Mukurane on Internet of Things.

3] A **one-day training program** on **"Artificial Intelligence & Machine Learning (AIML)"** was conducted on **20th July 2024** for students of **Podar International School, Yavatmal,** from 10.30 am to 5.30 pm, held at Digital Tower in association with the RCOEM-TATA-CIIIT and **Nagpur Sahodaya School Complex, Nagpur.** A total of **40** students participated, which was coordinated by Dr. Nisarg Gandhewar for the Artificial Intelligence and Machine Learning and support staff, Mr. Rahul. The **certificate distribution ceremony** was held at 4.45 p.m. The certificates were issued to all the participants at the hands of **Dr. Urmila Shrawankar, Director of the School of CSE.** The event was conducted by Dr. Y.M. Sonkhaskar and Dr. Nisarg Gandhewar. Total 6 students gave encouraging feedback about the course.
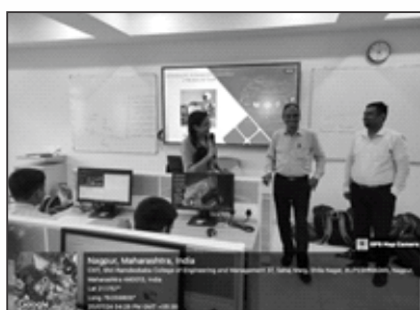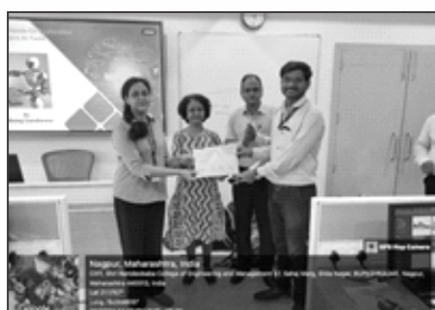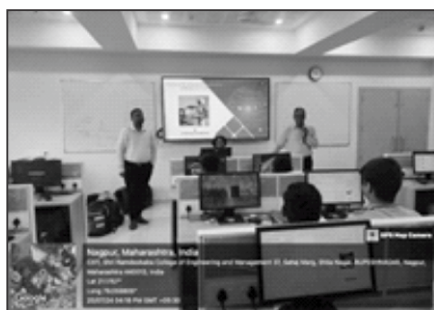
4] A one-day training program on **"Artificial Intelligence & Machine Learning (AIML)"** was conducted on **27th July 2024** for students of **Jindal Vidya Mandir, Kalmeshwar and Kids world School, Nagpur,** from 10.30 am to 5.30 pm, held at Digital Tower in association with the RCOEM-TATA-CIIIT and **Nagpur Sahodaya School Complex, Nagpur.** A total of 32 students participated, which was coordinated by Dr. Amit Pimpalkar for the Artificial Intelligence and Machine Learning and Dr. Nisarg Gandhewar has demonstrated and support staff, Mr. Rahul. The **certificate distribution ceremony** was held at 5.00 p.m. The certificates were issued to all the participants at the hands of **Dr. Rupesh Pais, Director of TBI.** The event was conducted by Dr. Y.M. Sonkhaskar and Dr. Nisarg Gandhewar, Dr. Amit Pimpalkar. 4 students gave encouraging feedback about the course.
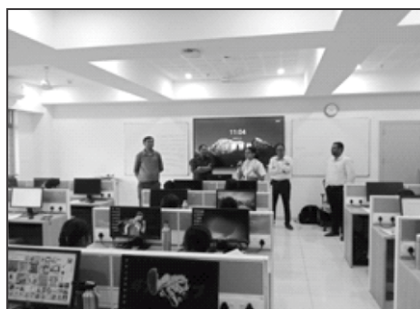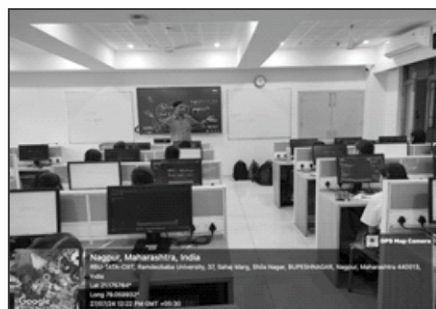
5] A **one-day training program** on **"Solid Modeling (Delmia V5)"** was conducted on **27th July 2024** for students of **Jindal Vidya Mandir, Kalmeshwar, Nagpur,** from 10.30 am to 5.30 pm, held at RCOEM-TATA-CIIIT in association with the **Nagpur Sahodaya School Complex, Nagpur.** A total of 09 students participated, in which training was given by Dr. Himanshu Shukla and Mr. Shrikant Wankhede. The **certificate distribution ceremony** was held at 5.00 p.m. The certificates were issued to all the participants at the hands of **Dr. Rupesh Pais, Director of TBI.** The event was conducted by Dr. Y.M. Sonkhaskar and Mr. Umendra Mukurne. 4-5 students gave encouraging feedback about the course.
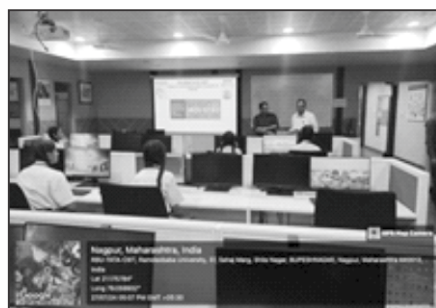
6] One day training program on **"Solid Modeling 3D Printing & Scanning and Internet of Things (IoT)"** was conducted from 23rd to 29th July 2024 for students of **Bhavan's Vidya Mandir School, Ashti, Nagpur** from 10.30 am –5.30 pm, held by RCOEM-TATA-CIIIT. A total **177** students participated and was coordinated by Dr. Alok Jha, Dr. Himanshu Shukla for the solid modeling 3D printing and Dr. Bhumika Neole, Dr. Chitrajan Rajan, Prof. Lokesh Heda, Prof. Shruti Nair and hands-on session by Mr. Shrikant Wankhede and Mr. Umendra Mukurane.

6] One Month training program on **"Mechatronics & Internet of Things (IoT)"** was conducted from 26th June to 06th August 2024 for students of the Mechanical Engineering department of **Shri Ramdeobaba College of Engineering & Management, Nagpur,** from 10.30 am to 5.30 pm, held by RCOEM-TATA-CIIIT. A total of 15th students participated, and training was given by Dr. Suresh Balpande, Dr. Chitrajan Rajan, and Technical Assistant Mr. Umendra Mukurane.

7] One month training program on **"Solid Modeling (Delmia V5) and Basic 3D Printing"** was conducted from 06th August to 27th September 2024 for **Mechanical Engineering** students of **Shri Ramdeobaba College of Engineering & Management, Nagpur,** held at RCOEM-TATA-CIIIT. A total of **09** students participated and training was given by Dr. A. K. Jha and Mr. Shrikant Wankhede.
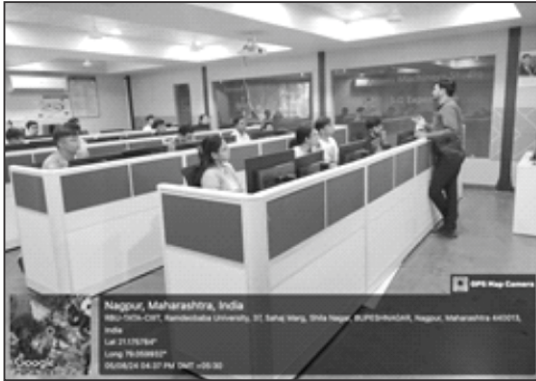
[B] Consultancy & Project :

- Dr. Suresh Balpande Associate Professor (CSE-AIML Engineering Dept.) got 3D parts printed for his project on July 12, 2024.

- Mr. Shabbir Rubberstampwala & Mr. Sameer Panname (M. Tech) printed 3D parts for the project of the "3D prints for pipe Surveillance robot" 3D software design model on July 4, 2024.

- Mr. Darshan Bapat (Ph.D. Scholar) printed 3D parts for the project of the "Experimental study on Shaper Machine" 3D software design model on August 6, 2024.

- Mr. Apekshit Sonole (M. Tech) printed 3D parts for the project & 3D software design model on August 14, 2024.
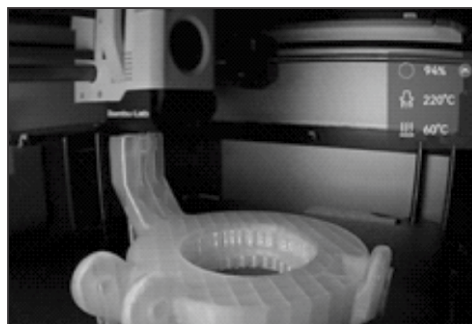
[C] Guest Lecture & lab Utilization :

- Utilization for the AIML course meeting for the RCOEM students on 13th July 2024.

- Utilization on the IoT lab for the Elective-III (Internet of things and Industry 4.0) of Mechanical Engineering Department students (4th Yr/7th Sem) during July to August 2024.

- Utilization on the Design Lab for the Machine Drawing & solid modelling software CAD of Mechanical Engineering Department students (2nd / 3rd Sem) on August 2024.

- Utilization on the Manufacturing Lab for the Laser Cutting & Engraving machine of Mechanical Engineering Department students (2nd / 3rd Sem) on August 2024.

- Utilization on the Design Lab for the FAB Lab of Mechanical Engineering Department students (2nd / 3rd Sem) on September 2024.

- Guest Lecture on IoT (Internet of things) for the Mechanical Engineering Department through Makxenia Engineering Resource Pvt. Ltd. From 20/09/2024 to continence.

- Utilization on the Manufacturing Lab for the VMC (Vertical Machining Center) of Mechanical Engineering Department students (2nd / 3rd Sem) on August 2024.

- Utilization on Laser Cutting & Engraving machine for the project of AIML POCTD by Vani Kaushik and team guidance by Prof. Manish Bhaiya.

- Utilization on Laser Cutting & Engraving machine for the project by Rohan Dhote and team from RAC Club guide Dr. Alok Jha.

- Utilization on Laser Cutting & Engraving machine for the project by Gajendra Singh Mohite, Abhinav Katare and team from C.F.C Club guide Dr. Alok Jha.

- Utilization on Laser Cutting & Engraving machine for the project of "Design and Development of Bisensor" by Dr. Jitendra Zalke

- Ansh Yemprediwar & Team for Utilization on Ender 3 pro 3D printer for there Research facility for our ongoing project under the guidance of Dr. Vishal Shukla.

- Arjun Singh Captain Team Trident Racing utilization for the use of Ultimaker 3 extended printer also Laser cutting & Engraving machine for steering prototyping.

- Udisha Bala & Rawnak Pashine utilization for the project from the mechanical department 2yr.
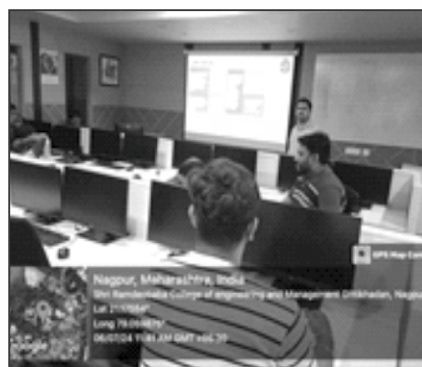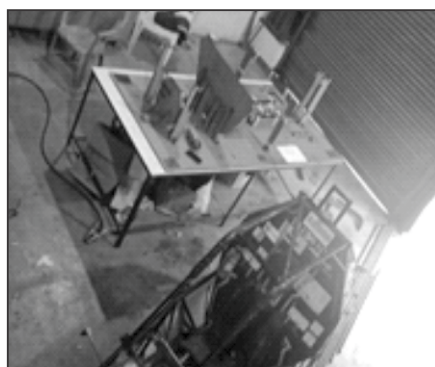
4] Visit of Eminent persons to RCOEM-TATA-CIIIT:

Managers from BILT Chandrapur

Students of Karmanya school of Excellence, Butibori
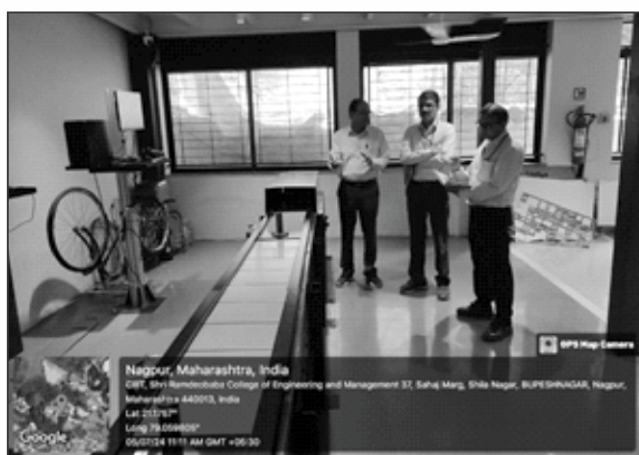
Visit of Kumbhare from YITM, Nagpur

Visit of First Year Students of RBU

Visit of First Year Students of RBU (AI & Robotics)

Mr. Mohit Thakur, ITIC IIT, Hyderabad

Saurabh Motiwala, Consultant, IFC

TCS Team

TCS Team

Mr. K.V Sarma (Vice President),
Mr. Arvind Kumar
TCS & 4 industry personnel

Department of Dean Students

<u>GAYANODAYA</u>

Date: 5th August 2024

The seventh day of the induction program at Ramdeobaba University marked the conclusion of the Gyanodaya event, a week-long journey aimed at igniting the pursuit of knowledge among new students. The event was graced by Shri Satyanarayanji Nuwal, Founder and Chairman of Solar Industries Pvt. Ltd., and Swami Raghavendranandji Maharaj of Ramkrishna Math, setting a reflective and spiritual tone.

The program commenced with the traditional lamp lighting ceremony and Saraswati Vandana, led by hosts Ms. Vidhi Agarwal and Mr. Shantanu Chatterjee. Dr. Rajesh Pande, Vice Chancellor of Ramdeobaba University, shared profound insights into the spiritual and educational journey of the university, highlighting its transformation over the last 40 years from RKNEC to RCOEM to RBU. Dr. Pande emphasized the university's commitment to fostering both academic and personal growth among its students.

The key message of the day came from Shri Satyanarayan Nuwal, who spoke about the critical role of knowledge acquisition in life. He likened the pursuit of knowledge to one of the 16 rites humans undergo, emphasizing that it is the most valuable of them all. His message resonated with the audience, reminding them that the thirst for knowledge should be insatiable, similar to the hunger for food. Shri Nuwal encouraged students to become players in life, striving toward their goals with humility and perseverance, rather than being referees who merely point out others' mistakes.

Swami Raghavendranandji Maharaj further inspired students by sharing teachings from Swami Vivekananda, focusing on the importance of concentration, inner knowledge, and spiritual growth. He urged students to honor their parents and teachers while striving to maintain purity and consistency in their pursuits. Dr. S. S. Mantha, Chancellor of Ramdeobaba University, provided a motivational speech on adapting to changes and preparing for the competitive world. He emphasized the significance of three types of knowledge: subject knowledge, enjoyment of knowledge, and the attitude to acquire transcendental knowledge.

The event concluded with a vote of thanks, leaving students feeling motivated and inspired to embrace both the academic challenges and personal growth opportunities that lay ahead in their university journey. Dignitaries including Rajendra Purohit, Ashok Kumar Pacheriwala, Kailaschand Agarwal, and Dr. Rashmi Shahu were present to witness the closing of this impactful program. The Gyanodaya program, true to its name, illuminated the students' paths with wisdom and set a high standard for their time at Ramdeobaba University.

Swami Raghavendranandji Maharaj

Independence Day, 2024

The Dance Club, RBU has performed in the Independence Day. The theme for the Independence Day was "VISION OF 2047". The total duration of the performance was 8 minutes and 40 seconds. In our performance we showed about "YOUTH", "FARMERS", "CULTURE", "SPACE" and "WOMEN" of INDIA in 2024 vs 2047. We also showed about the progress of space and patriotism in citizens. Each dance was performed by the members of the Dance Club.

Performance Details :

Songs :-
1. Jame raho
2. All is well
3. Jai ho
4. Rang de Basanti
5. Satyamev Jayate
6. Jeetega India
7. Udja ab teri bari hai
8. Vande Matram

Performers :-
1. Sanskruti Ingle
2. Shruti Wadnerkar
3. Krutika Dumre
4. Aarushi Deorankar
5. Akshada Gomkale
6. Janhavi Welekar
7. Riya Gurjar
8. Arshiya Pandey
9. Nabha Bagwan
10. Lavanya Chawla
11. Aditi Bhattad
12. Mit Patel

Performance Details :

The whole performance was divided into five sections. First section included about the YOUTH of India and the songs on which the members performed was Jame Raho, All is well and Jai ho. Second section included about FARMERS of India, the songs we performed on was Rang de Basanti. Third section included the CULTURE of India and the songs were Satyamev Jayate. Fourth section was about SPACE and the song was Jeetega India. Fifth section was the major one which included the act on women and the song on which the members performed was Udja ab teri bari hai and the performance was ended with the song Vande Matram.

The Group Photograph of The Performers :

Nautanki - The Drama Club performed in the college on the occasion of the 78th Independence Day. The club presented a mime on the theme "Vision of 2047: Viksit Bharat", celebrating the strength, resilience, and aspirations of Indian women as they envision a "Viksit Bharat" in 2047. Through expressive movements, the mime portrays the journey of women from the freedom struggle to modern-day challenges, shedding light on their role in shaping a progressive and empowered India.

Cast : Aastha Khandelwal, Niharika Mathankar, Nishika Manglani, Venushree Sharma, Teertha Akhare, Shraddha Naidu, Siya Ambekar.

Directed by : Rahul Motwani, Pragati Nagwani, Rishi Parashar. Mentors: Kalash Jaiswal, Gargi Singh

Readers' Reverie Literary Club
Independence Day, 2024

The Literary Club, RBU has performed in the Independence Day 2024 Event. The theme of the event was "Viksit Bharat" and "Vision of 2047". The total duration of the performance was 7 minutes and 30 seconds. In our performance, we presented the journey of Independent India in the form of poetry. We showed how revolutionaries from the past still inspire us and their views guide us towards "Viksit Bharat". Poems were written and recited by Literary Club members on the revolutionaries whose names are as follows :

1. Chhatrapati Shivaji Maharaj
2. Rani Kittur Chennamma
3. Punyashlok Ahilyabai Holkar
4. Shahid Bhagat Singh

Performance Details :
Performers :

1.   Krish Agrawal
2.   Sahil Deotale
3.   Smruti Thakre
4.   Vani Kaushik
5.   Parisa Vispute
6.   Palak Agrawal

•   The performance was divided in three sections.

•   The First section was the introduction in which bharat as a land which has witnessed the cultural and political shifting of power tells introduces the audience to the revolutionaries.

•   The Second section consisted recitation of poems on revolutionaries and their thought of viksit bharat.

•   These poems were written by the Literary Club members.

•   The Third and the last section was an enthusiastic poem which described the present day scenario and motivated youth for the glorious future.

The Group Photograph of The Performers

Photographs of The Performance

RBU
RAMDEOBABA UNIVERSITY, NAGPUR
Formerly Shri Ramdeobaba College of Engineering & Management (RCOEM) Est. 1984
Learn | Innovate | Accomplish

Music Club : Independence Day

Date: 15th August 2024

Introduction :

As part of the Independence Day celebrations, the Music Club of the college delivered an outstanding musical performance that left the audience inspired and patriotic. The event commenced with the National Anthem, followed by two song performances: Kar Har Maidan Fateh and Lakshya. Each song was performed by a group of talented vocalists and instrumentalists, whose efforts added to the spirit of the occasion.

Performance Details :

1. Song Title: Kar Har Maidan Fateh

The first performance of the day, **Kar Har Maidan Fateh,** was a high-energy, motivational song that resonated with the themes of courage and resilience. The performance was executed by an exceptional group of vocalists and instrumentalists, who worked together seamlessly to deliver an unforgettable experience.

Vocalists :

- Soham Nakhate
- Sumedh Chaudhary
- Darshan Jain
- Arnav Tumbde
- Vallaki Mandaogane
- Nitya Joshi
- Simran Mantha
- Shradha Nakhate

Instrumentalists :

- Bass Guitar : Viraj Aherrao
- Electric Guitar : Durva Despande
- Keys : Varun Agrawal
- Drums : Heet Chandarana
- Octapad : Sanchit Pahurkar
- Tabla : Anay Phatak
- Dholak : Vedant Chandel

The harmonious combination of vocals and instruments brought out the emotion of the song, creating an electrifying atmosphere in the auditorium.

2. Song Title : Lakshya

The second song of the performance was **Lakshya,** an anthem of determination and focus. It was a fitting tribute to the day's theme of independence and the pursuit of a better future. The team of vocalists and instrumentalists gave an equally captivating performance, which was met with enthusiastic applause from the audience.

Vocalists :

- Shravan Sadalgekar
- Anay Phatak
- Sanchit Pahurkar
- Manas Shende
- Arnav Tumbde
- Pari Bhagat
- Vaidehi Tela
- Keshi Bhurawat
- Snehal Choudhari
- Riddhi Chaturvedi

Instrumentalists :

- Bass Guitar : Durva Deshpande
- Electric Guitar : Yadhnika Wakde
- Keys 1 : Soham Nakhate
- Keys 2 : Aishwarya Paidalwar
- Drums : Heet Chandarana
- Octapad : Varun Agrawal

The song's powerful lyrics, coupled with the impressive coordination between the vocalists and instrumentalists, created a memorable performance that resonated deeply with the audience.

Conclusion :

The Music Club's performance on Independence Day was a resounding success. Both songs, Kar Har Maidan Fateh and Lakshya, captured the essence of the day with their messages of strength, perseverance and patriotism. The club's effort and dedication were evident in every note played and sung, making the event a memorable part of the Independence Day celebration.

RBU
RAMDEOBABA UNIVERSITY, NAGPUR
Formerly Shri Ramdeobaba College of Engineering & Management (RCOEM) Est. 1984

Learn | Innovate | Accomplish

Digital Tower Inauguration

Date: 15th September 2024

The inauguration of the Digital Tower was presided over by Vice President Shri Jagdeep Dhankhar, Governor C.P. Radhakrishnan, Deputy Chief Minister Devendra Fadnavis, Chancellor, and Vice-Chancellor Rajesh Pande and Dr. Smt. Sudesh Dhankhar. This event was managed by college management and Students' Representative Council and was volunteered by National Service Scheme Unit. The prestigious event began with the Literary Club hosting the anchoring, followed by a melodious performance from the Music Club As the performances unfolded, videos of the college and its history were displayed, setting the stage for the momentous occasion. The entry of dignitaries was coordinated by dedicated volunteers ensuring proper seating arrangements and maintaining decorum among the attendees. The event commenced at 1.00 pm. The total strength in the event was of around 5000 students Following the seating of guests, the National Anthem was played, after which the event was officially introduced by the host. The first major activity was the Felicitation of the Vice President of India, Shri Jagdeep Dhankhar, by Shri Banwarilal Purohit. Subsequently, Dr. Smt. Sudesh Dhankhar, the Second Lady of India, was also honoured. The Chairman of RBU, Shri Satyanarayan Nuwal, continued the ceremony by felicitating the Governor of Maharashtra, CP Radhakrishnan, and the Deputy Chief Minister of Maharashtra, Shri Devendra Fadnavis. Shri Satya Narayan Nuwal, Chairman of RBU, began his speech by congratulating the entire RBU community for achieving an extraordinary milestone.

He highlighted the institution's core fundamentals, such as the focus on quality education, admissions, and a commitment to transparency. He also emphasized the successful Collaboration with TCS in facilitating student placements, noting the importance of knowledge as a key to success, not only academically but also professionally. He ended his speech by expressing gratitude to the College management, media, and all those present at the event. Shri Banwarilal Purohit, Governor of Punjab, expressed his joy and gratitude, especially to the Vice President of India for accepting the invitation. He reminisced about the humble beginnings of RBU, which started with just three halls and three branches, and how it has grown into an institution inaugurating a 12-floor Digital Tower. He emphasized simplicity in student life and praised the institution's merit-based and transparent systems. He also assured the Vice President that RBU students would contribute to nation-building in the coming years. Shri Devendra Fadnavis, Deputy Chief Minister of Maharashtra, expressed his gratitude and humbleness towards the Vice President and other dignitaries. He congratulated RBU for the inauguration of the Digital Tower and spoke about the institution's ethics and values. Fadnavis highlighted the role of RBU students in the vision of a Viksit Bharat and the importance of the digital economy in today's ever-changing world. He also praised India's achievement of having the highest digital transactions globally and emphasized the importance of AI and data in India's growth trajectory. Shri Jagdeep Dhankhar, Vice President of India, praised Shri Banwarilal Purohit for his selfless service to society. He spoke about the significant role of AI in nation-building, aligning with the theme of the event, and called the inauguration of the Digital Tower a milestone for RBU. He reinforced that education should be viewed as a service to society rather than commerce. The Vice President spoke passionately about India's transformation from being the "sleeping giant" to now being a global investment hub. He praised the role of youth in shaping India's future and urged them to embrace challenges and be the drivers of change. Quoting the Chandrayaan 2 and Chandrayaan 3 missions, he inspired students not to fear

failure. He concluded by rearming India's position as a superpower in the digital and knowledge economies and warned about the responsible usage of disruptive technologies like AI, blockchain, and data science. The event concluded with the dignitaries expressing their best wishes to RBU students and highlighting the strong connection between the students and the Vice President's once. It was a monumental day for RBU, marking the beginning of a new chapter in its journey with the inauguration of the Digital Tower, a gateway to limitless opportunities for its students.

Inauguration Ceremony of
DIGITAL TOWER

Department of Civil Engineering

Faculty Corner

Guest Lectures taken by faculty :

Dr. V. J. Rajurkar delivered an expert lecture in FDP at the Regional Training Centre of PWD and Irrigation (RTC, Nagpur), on the topic" High Embankment and Stability of Slope on 24th August 2024."

Publications

Journal Publication

Prof. Laxmi Gangwani, et. al. has published a paper on Optimal pipe-sizing design of water distribution networks using Modified Rao-II Algorithm, Journal of Water and Climate Change.

Conference Publication

I.   Dr. V. J. Rajurkar presented a Paper at 13th Annual Conference on Deep Foundation Technologies for Infrastructure Development in India, International Conference organised by DFI-India, Goa on 19-21 Sept. 2024.

II. Dr. S. P. Siddh, Abhinav wanwade presented paper at International Conference on Emerging applications of material science and technology comparative study on design and construction methodology of precast box type road under bridge by Box Pushing techniques using PTFE Sheet held at RV College of Engineering, Bengaluru, India on 3-4 July 2024.

STTP/FDP/other Training Attended by Faculty

I.   Dr. V. J. Rajurkar has participated in a Short Course, "Computer Application in Geotechnical Engineering" Organized by NIT Rourkela, Odisha between 9-13 July 2024.

II. Dr. S. P. Siddh has participated in FDP on Planning, Design & Construction Aspects of Pre-Engineered Steel Buildings organized by AI Structure from 27th July 2024 till 31th August 2024.

III. Dr. P. D. Hiwase has participated in the One-week Faculty Development Programme on "Advanced Materials & Techniques For The Repair & Strengthening Of Concrete Structures" (AMTRC'24) from 23-09-2024 to 27-09-2024, organized by the Department of Civil Engineering, R.V. R. & J. C. College of Engineering (A), Guntur, Ap, India.

IV. Dr. P. D. Hiwase participated in the One-week Faculty Development Programme on "Enrichment of Engineering Education through Effective Implementation of NEP 2020." From 29 July 2024 to 1st Aug 2024 organized by Vardhaman College of Engineering, Hyderabad.

V.   Dr. P. D. Hiwase has participated in the One-week AICTE Recognized Faculty Development Programme on Communication at the Workplace Conducted by Education and Educational Management from 22/07/2024 to 26/07/2024 at National Institute of Technical Teachers' Training and Research NITTTR, Ministry of Education, Government of India, Chandigarh.

VI. Prof. L. R. Gangwani has participated in ISTE approved FDP "State of the art practices in Civil Engineering" organized by Bajaj Institute of Technology, Wardha from 23rd to 28th September 2024.

VII. Prof. V. R. Harne has participated in ISTE approved FDP "State of the art practices in Civil Engineering" organized by Bajaj Institute of Technology, Wardha from 23rd to 28th September 2024.

Departmental Activities
Parents Meet, Alumni Meet, and Departmental Installations or Events

Parents Meet

A Parent - Teacher Meet was organized by the Civil Engineering Department on September 28, 2024 (Saturday) from 11.00 a.m. to 12 Noon through offline mode for the current session 2024-25 (Odd Sem). Incharge, Head of the department, Prof. H. P. Khungar addressed the meeting. The meeting was attended by all the faculty members of the department. This meeting received a good response from the parents of III, V, and VII Semester students. 21 Parents, 14 from 3rd sem and 4 from 5th sem, and 3 from 7th sem attended the offline meet and interacted openly.
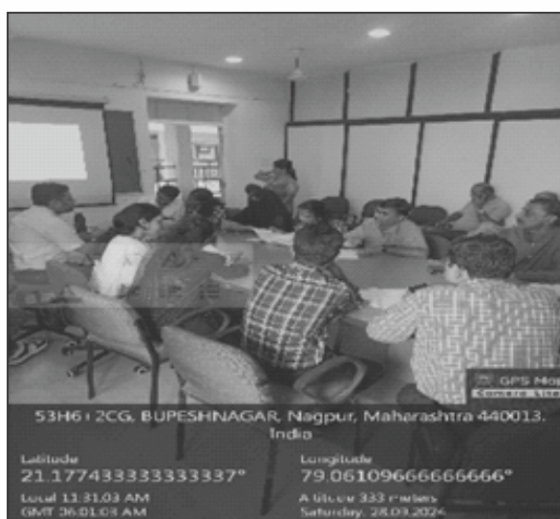

Photo of Parent Teacher Meet (Offline Mode) 2024-25 (Odd Sem) 28.09.2024

Department of Electronics and Communication Engineering

Publications

- Publications1. Dr. S.B. Pokle, P.N. Thakre, published a paper titled "Transit Archimedes optimization algorithm enabled deep learning for power and resource allocation NOMA technique for 5G cellular systems" International Journal of Communication System 2024;e5950. doi:10.1002/dac.5950,pp1-19, Wiley Publication. August 2024. Indexed : SCI Index , Impact Factor 1.7

- Dr. S. B. Pokle received Patent Grant on, "Solar panel for generating Solar Energy" on 30-08-2024, Patent No. 549224, Application No. 202121046773.

- Dr. Rohini S. Ochawar, Snehal V. Laddha, Krushna Gandhi, and Yu-Dong Zhang published a research article titled "Deep-Dixon: Deep Learning Frameworks for Fusion of MR T1 Images for Fat and Water Extraction" in the Multimedia Tools and Applications journal, September 2024. The article is SCIE-indexed and available at https://doi.org/10.1007/s11042-024-20255-2.

- Dr. Pallavi K. Parlewar, along with S. B. Rathod, S. Dhande, H. Vyawahare, R. Lande, M. S. Shirbhate, and S. Dandge, published a paper titled "Double Vision for Heart Health: Dual Nanotechnology CNN-Based Deep Learning for Accurate Arrhythmia Classification in Clinical ECG Analysis" in the Nanotechnology Perceptions journal, Vol. 20, No. S9, pp. 0.11. The paper is indexed in Scopus.

- Dr. D.J. Dahigaonkar has been granted a patent for his invention on a non-destructive method for detection of adulterants in specific food products" on 6 Sept., 2024.

- Dr. Mridula Korde published a paper titled "Hybrid Beam-Forming Techniques for 6G Terahertz Communication: Challenge" in Journal of Electrical Systems, Vol. 20 No. 10s (2024) (ISSN: 1112-5209).

- Dr. Bhumika Neole published a paper titled "A Survey Paper on Mobility and Energy based Clustering Algorithm in MANET " in SSRG International Journal of Electronics and Communication Engineering , Open Access Volume 11, Issue 9, Pages 270 -279 September 2024.

- Dr. Bhumika Neole published a paper titled "Comparison and Enhancement in Cluster Based Algorithms in MANET " in Journal Advances in Nonlinear Variational Inequalities, Volume 27, Issue 4, Pages 378 – 384, 2024.

- Dr. Bhumika Neole published a paper titled "Enhanced Hydroponic Farming with Crop Suitability Prediction" Advances in Nonlinear Variational Inequalities, Volume 27, Issue 4, Pages 35 – 47, 2024.

- Mr. Nishant Madhukar Borkar & Dr. Pallavi K. Parlewar have published paper titled "Designing an Ultra-Wide band Directional Antipodal Vivaldi Antenna With U-slots For Biomedical Applications Using an Optimized Attention Network" in Frequenz, De Gruyter, ISSN - 2191-6349, Indexed SCIE, IF: 0.8 in August 2024.

- Mr. Nishant Madhukar Borkar, Manali Dhoot; Piyush Bisani; Sanskar Agrawal; Shubham Yadav Publisehd paper titled, "Estimation of headcount in crowd using convolutional neural network" in AIP Conf. Proc. 3131, 030014 (2024), https://doi.org/10.1063/5.0229789 a Scopus Indexed Research Article Published in September 19, 2024.

- Nishant M. Borkar, Ashutosh Pandey, Nishand Janefalkar, Unnati Bagadiya, ECE department, RCOEM Nagpur received a a Utility Patent on "SENSOR BASED AUTOMATIC FAULT DETECTION SYSTEM" on 18 July 2024.

- Puja S. Agrawal, Parag Jawarkar, Ketan Dhakate, Krishna Parthani, Abhishek Agnihotri, published a paper titled "Advancements and Challenges in Drone Technology: A Comprehensive Review" IEEE Explore 2024, 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024, 2024, pp. 638–644 Salem, India 03-04 May 2024 2024 2024-2025 DOI: 10.1109/ICPCSN62568.2024.00106 (IEEE Explore, July 2024. (Scopus Indexed)

- Dr. Ankita H. Harkare published paper titled A compact dielectric resonator antenna with wideband circular polarization characteristics for C and X.band applications in Microwave and Optical Technology Letters with ISSN 0895-2477 / 1098-2760, https://doi.org/10.1002/mop.34241 (SCI-E)

- Dr. Ankita H. Harkare published paper titled Intelligent Crop Management Optimization using Machine Learning Algorithms: A Linear Analytical Approach in Advances in Nonlinear Variational Inequalities with ISSN 1092-910X, Vol 27 No. 3 (2024) (Scopus)

- Dr. Ankita H. Harkare published paper titled Enhanced Hydroponic Farming with Crop Suitability Prediction in Advances in Nonlinear Variational Inequalities with ISSN 1092-910X, Vol 27 No. 3 (2024) (Scopus)

STTP/FDP/other Training Attended by Faculty

- Dr. Mridula Korde completed 5 weeks Advanced Certificate Program on "PYTHON + R + MATLAB-Based Simulation and Design of 5G/ 6G Wireless Technologies" organized by IIT, Kanpur during 1st September 2024 to 4th October 202.

- Dr. Ankita Harkare have attended a STTP from 12-08-2024 to 18-08-2024 organized by RITE Odisha and RSP Science Hub Coimbatore.

- Dr. Ankita Harkare have attended NPTEL Awareness workshop held on 5th July 2024 organized by NPTEL.

Parents Meet

Department of Electronics and Communication Engineering organized a Parent-Teacher Meeting for the session 2024-25 on 28th September 2024. Parent-Teacher Meeting coordinator Dr. (Mrs) A.H. Harkare welcomed the parents and emphasized on the need of developing an enhanced communication between parents and faculty to serve as a bridge in fulfilling expectation of parents and students especially during this online mode of teaching. Dr. (Mrs) R.S. Ochawar, HOD EC addressed the gathering conversing about the various curricular and extracurricular activities conducted by the department. She especially addressed the parents about the support mechanisms and activities carried out to fulfill overall development of the students. A brief review of academic activities, teaching learning process and PO, PSO along with Mission Vision statements were also discussed. Moreover a brief review of the various activities and schemes offering support to students for ensuring student progress in academics, placements formed a segment of this discussion.

Information regarding placement training conducted by the institute was briefed by department placement coordinator Dr. P.P. Deshpande. Parents were also made aware about the academic and exam rules, guidelines and detention rules. T1 performance of students was discussed and special attention needs to be paid on the performance of V semester students was conveyed to parents.

Guest Lectures Organized in Department.

The IETE forum of RBU and ECE Department organized guest lecture on "Agile Project Management in the field of Electronics and Communication" on 25th September 2024 for ECE third year students. The guest lecture was conducted by the industry expert Mr. Divyanshu Sinha who is currently working as Senior Consultant (Assistant Manager) at EY, Hyderabad. He is the 2019 batch alumna of the college.
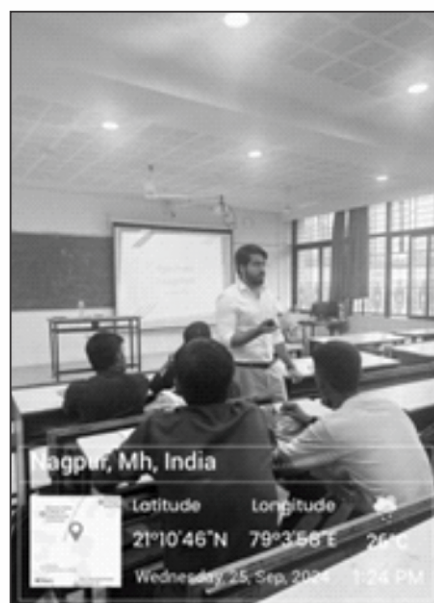
Divyanshu Sinha conducting guest lecture

Department of Electronics Engineering

Faculty Corner

Journal Publications

- Dr. Gouri Morankar has published a paper titled "Biodegradable Automated Thermal Container Using Peltier Technology" in Journal Mathematical Modelling of Engineering Problems with ISSN 2369-0739, (Scopus).

- Dr. Manish Bhaiyya has published a paper titled "Role of Machine Learning Assisted Biosensors in Point-of-Care-Testing For Clinical Decisions" in ACS Sensors Journal with Volume 9, Issue 9, (SCI)

- Dr. Manish Bhaiyya, Jitendra Zalke, Dr. Jayu Kalambe, Dr. Suresh Balpande, has published a paper titled "Deep Learning-Assisted Smartphone-Based Electrochemiluminescence Visual Monitoring Biosensor: A Fully Integrated Portable Platform" in Micromachines Journal (Open Access) with ISSN 2072-666X, Volume 15, Issue 8, (SCI)

- Prof. Snehal V. Laddha, Dr. Rohini S. Ochawar, has published a paper titled "Deep-Dixon: Deep-Learning frameworks for fusion of MR T1 images for fat and water extraction" in Multimedia Tools and Applications with ISSN 1573-7721, (SCI)

- Dr. Bhalchandra Hardas has published a paper titled "Coding in Information Theory" in The Indian Journal of Techncial Education Published by ISTE with Volume 47, Issue 1, (UGC care).

- Dr. Bhalchandra Hardas has published a paper titled "Streamlining Data: Advancements in Source Coding Techniques" in The Indian Journal of Techncial Education Published by ISTE with Volume 47, Issue 1, (UGC care).

- Dr. Bhalchandra Hardas has published a paper titled "Application of Information Theory in Enhancing Security Protocols for Wireless Sensor Networks" in The Indian Journal of Techncial Education Published by ISTE with Volume 47, Issue 1, (UGC care).

- Dr. Bhalchandra Hardas has published a paper titled "Exploring the Evolution of Data and Voice Signal Encoding from Traditional to Cutting-Edge Techniques: Quantum Machine Learning, Adaptive Filtering, and Delta Modulation" in The Indian Journal of Techncial Education Published by ISTE with Volume 47, Issue 1, (UGC care).

- Dr. Bhalchandra Hardas has published a paper titled "Advancements in Error-Correcting Codes: Bridging the Gaps in Communication Systems" in The Indian Journal of Techncial Education Published by ISTE with Volume 47, Issue 1, (UGC care).

- Dr. Bhalchandra Hardas has published a paper titled "RFID: A Comprehensive Review of Design, Security, and Healthcare Applications" in The Indian Journal of Techncial Education Published by ISTE with Volume 47, Issue 1, (UGC care).

- Dr. Bhalchandra Hardas has published a paper titled "Nanoparticles for Health Diagnostics: Advancements,Challenges, and Future Perspectives" in The Indian Journal of Techncial Education Published by ISTE with Volume 47, Issue 1, (UGC care).

Conference Publications

- Prof. Snehal. Laddha, and E. Gawate, " Automated Segmentation of Liver from Dixon MRI Water-only Images using Unet, ResUnet and Attention Unet Models" 8th International Conference on Information System Design and Intelligent Applications (ISDIA 2024).

- Prof. Snehal. Laddha, and E. Gawate, " A Novel Method of Enhancing Skin Lesion Diagnosis Using Attention Mechanisms and Weakly-Supervised Learning" 5th World Conference on Artificial Intelligence: Advances and Applications, 2024.

- Prof. Snehal. Laddha, and E. Gawate, "Addressing Class Imbalance in Diabetic Retinopathy Segmentation: A Weighted Ensemble Approach with U-Net, U- Net++, and DuckNet," 2024 International Conference on Intelligent Systems for Cybersecurity (ISCS), Gurugram, India, 2024, pp. 1-6, doi: 10.1109/ISCS61804.2024.10581308.

- Jitendra. B. Zalke, N. P. Narkhede, D. R. Rotake, A. Y. Jain, A. Sheikh and J. A. Kadao, "Zinc-Oxide Nanofiber and Green Synthesized Silver Nanoparticle Based Enzymatic Chemiresistive Sensor for Glucose Detection," 2024 International Conference on Integrated Circuits, Communication, and Computing Systems (ICIC3S), Una, India, 2024, pp. 1-6, doi: 10.1109/ICIC3S61846.2024.10602855.

- J. B. Zalke, D. R. Rotake, H. V. Gechode, S. M. Peshkar and S. G. Singh, "Tuberculosis Volatile Organic Compounds (VOCs) Detection Using Multi-walled Carbon Nanotube- Zinc Oxide (MWCNT-ZnO) Nanofiber: A Chemiresistive Biosensor," 2024 International Conference on Integrated Circuits, Communication, and Computing Systems (ICIC3S), Una, India, 2024, pp. 1-6, doi: 10.1109/ICIC3S61846.2024.10603002.

- S. G. Daware, S. Jaulkar, and S. Kitey, "A Real-Time News App in Salesforce: Leveraging Omni-Channel Chatbots in Salesforce for Enhanced User Engagement," 2024 2nd World Conference on Communication & Computing (WCONF), RAIPUR, India, 2024, pp. 1-4, doi: 10.1109/WCONF61366.2024.10692051

Patents Filed / Published / Granted

S. No.	Title	Applicants / Inventor	Date of Filing	Year	ACAD Session	Application No.	Grant Date	Granted Session	Filed / Granted
1	Mobile to Pendrive connector	Snehal V. Laddha, Janhavi Kulkarni	4/9/2024	2024	2024-25	429245-001			FILED
2	Dispensing Bottle with LED Level Indicator	Snehal V. Laddha, Vanshika Dayani	4/9/2024	2024	2024-25	429249-001			FILED
3	Autonomous Underwater Vehicle	Snehal V. Laddha, Ayaan Pasha	4/9/2024	2024	2024-25	429252-001			FILED

4	Foldable Helmet	Snehal V. Laddha, Rida Sheikh	4/9/2024	2024	2024-25	429253-001			FILED
5	Medicine dispenser	Snehal V. Laddha, Dipti Dhande	4/9/2024	2024	2024-25	429254-001			FILED
6	Automated Medicine Dispenser	Snehal V. Laddha, Krity Srivastava	4/9/2024	2024	2024-25	429256-001			FILED
7	Bottle	Snehal V. Laddha, Harshita Dodewar	4/9/2024	2024	2024-25	429257-001			FILED
8	Energy Harvesting Device	Snehal V. Laddha, Yudhir Kothari	4/9/2024	2024	2024-25	429258-001			FILED
9	Medical wearable device for real time health data	Snehal V. Laddha, Samruddhi Korke	4/9/2024	2024	2024-25	429236-001			FILED
10	Pendrive	Snehal V. Laddha, Kasturi Belan	4/9/2024	2024	2024-25	429237-001			FILED
11	An IoT Powered Smart Trash Bin	Snehal V. Laddha, Shivam Mishra	6/12/2022		2024-25	202221070415	30/09/2024	2024-25	GRANTED

Departmental Activities

Parents Meet

The Parent - Teacher Meeting of III, V and VII semester Electronics and Computer Engineering, Biomedical Engineering and VII semester Electronics Engineering was held on 28th September 2024. The Meeting was chaired by Dr. N.P. Narkhede, Head, and Electronics Engineering Department. Dr. N.P. Narkhede shared the information about various efforts and initiatives taken by the department for overall development of students and also about the change that are happened with the implementation of Ramdeobaba University. The assessment method for internal theory/practical marks and academic policy was explained by academic Coordinator Prof. Gauri Morankar. Details regarding placement opportunities, campus recruitment, activities carried out by Carrer Development and Placement Cell (CDPC) for the development of the students was briefed by Prof. Sandeep pandey. The performance of the student in the Test-I examination and attendance record was shown to the parents. The effort required to improve the academic performance of their ward was discussed by the respective subject teachers. The concerns expressed by the parents were addressed by Head of the department.

The Parents expressed their satisfaction over the efforts taken by the department and the institute. Prof. Jitendra B. Zalke, Parent-Teacher Meet Incharge conducted the proceedings of the meeting and proposed a vote of thanks.

Dr. N. P. Narkhede, HOD, Electronics Engineering department addressing parents during the PTM held on 28/09/2024

Class teachers of respective classes showing the performance of students to their parents during the PTM held on 28/09/2024

Students' Corner
Alumni Activities :
Following activities conducted under the Alumni cell of Electronics Engineering Department during July-August-September 2024.

1.   On August 6, 2024, the Alumni Cell of Department of Electronics Engineering/Electronics and Computer Science RCOEM Nagpur hosted an insightful expert talk titled "Leveraging Cutting-Edge Technologies for Career Advancement." The session was delivered by Mr. Yash Chetlangia, an alumnus of the Electronics Engineering 2021 batch and a Software Engineer at LTIMindtree. The talk aimed to equip students with knowledge about key technologies like Hadoop, MongoDB, Jenkins, and other essential tools that can significantly boost career prospects in the tech industry.

Prof. Lokesh Heda welcomes Mr. Yash Chetlangia (L),
Mr. Yash Chetlangia while delivering a talk (R)

2.   On August 29, 2024, an online guidance session was conducted for the final year students (2025 Batch) of the Electronics Department at RBU. The session was led by Mr. Praveen Shekharmantry, a Software CoC Engineer at Varroc and an alumnus of the 2019 batch. Mr. Shekharmantry provided crucial information about the upcoming campus drive organized by Varroc Pvt. Ltd., offering students insights into the recruitment process, company culture, and effective preparation strategies.

"The future belongs to those who believe in the beauty of their dreams."

- Eleanor Roosevelt

3.   On September 4th, 2024, the Alumni Cell of the Electronics / Electronics and Computer Science Department at RAMDEOBABA UNIVERSITY (RBU) Nagpur and Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur, hosted an insightful session titled "Your Path to Google: Insider Tips and Strategies." The event featured Ms. Arshi Maheshwari, a Business Analyst at Google and a proud alumna of the Electronics 2020 batch. Ms. Maheshwari shared her inspiring journey to Google, emphasizing the value of a passion for learning and the importance of cultivating a growth mindset.

Prof. Lokesh Heda welcomes Ms. Arshi Maheshwari (L),
Ms. Arshi Maheshwari while delivering a talk (R)

4.   On 25th September 2024, the Alumni Cell of the Electronics and Computer Science and Electronics Engineering Department, RCOEM, Nagpur, organized an insightful expert session on "Agile Project Management." The session was led by Mr. Divyanshu Sinha, a Senior Consultant at EY and an alumnus of the 2019 EN batch of RCOEM. Mr. Sinha shared his extensive experience in Agile methodologies, emphasizing its importance in today's fast-paced business environment. He provided deep insights into Agile frameworks such as Scrum and Kanban, and how they enhance collaboration, efficiency, and adaptability in project execution.

Prof. Lokesh Heda welcomes Mr. Divyanshu Sinha (L), Mr. Divyanshu Sinha while delivering a talk (R)

Placement statistics of 2024-25 Pass out (till date):

Name of the Student	Name of the Company
Ayush Jageshwar Wankhede	Varroc
Harshita Kamal Soni	Schneider Electric
Palak Jagdish Hajare	Schneider Electric
Mohit Agarwal	Porter

Education is not preparation for life;
education is life itself.

Department of Electrical Engineering

Faculty Corner
Publications

Dr. Sanjay Bodkhe published a research paper titled "Comparison of proposed electricity billing mechanism for residential clients of Maharashtra" in a Scopus indexed journal "International Journal of Electrical and Computer Engineering (IJECE)" Vol. 14, No. 5, October 2024, pp. 4815-4826. The paper is co-authored by Dr. Archana Talhar Belge of Thakur College of Engineering, Mumbai and Research Scholar Mr. Alok Ranjan.

Book Publication

The All India Council for Technical Education (AICTE) New Delhi has published a book authored by Dr. Sanjay Bodkhe. The book title is "Electric Motors and Transformers". It is available for free download on AICTE e-Kumbh portal. This book is written as per AICTE Model Curriculum and is based on Outcome Based Education (OBE) in accordance with the National Education Policy 2020 (NEP 2020). It is reviewed by Prof. R. K. Srivastava of IIT (BHU). AICTE is also going to translate and publish it in twelve Indian languages so as to ease the learning process of students coming from non-English medium schools. The ISBN numbers are: ISBN 10: 93-6027-787-8 and ISBN 13: 978-93-6027-787-1.

STTP/FDP/other Training Attended by Faculty

Prof. (Ms.) M. B. Gaikwad has successfully completed 04 weeks NPTEL FDP Programme on "Patent Drafting for Beginners" organized by IIT Madras during July-August 2024.

Faculty Recognition

• The Institute of Electrical and Electronics Engineers (IEEE), USA has elevated the membership grade of Dr. Sanjay Bodkhe to "IEEE Senior Member". He has been awarded this honor based on his experience, professional maturity and documented achievements of significance.

• Dr. Sanjay Bodkhe was invited as Chief Guest for the Engineers' Day Function organized at Chandrapur Super Thermal Power Station (CSTPS) Chandrapur on 19th September 2024. It was conducted by the Graduate Engineers Association (CSTPS-GEA). The event was presided over by the Chief Engineer of CSTPS, Shri Girish Kumarwar. During the program, the engineers promoted to higher rank and the officers retiring in 2024 were felicitated by the hands of chief guest.

• Dr. Sanjay Bodkhe is nominated as Expert on the Board of Studies of following autonomous colleges. K.D.K. College of Engineering, Nagpur, Jagdamba College of Engineering and Technology, Yawatmal

Departmental Activities
Industrial Visits
VISIT to Industry Highrise Transformers Pvt Ltd.

Students of B.Tech.(EE) Sem-III and V along with faculty members visited the Highrise Transformers Pvt Ltd on 24th August 2024. HighRise Transformers is one of the prominent manufacturers, supplier and service provider of a wide range of transformers, in MIDC, Hingna road Nagpur. This visit was conducted to support the theoretical knowledge gained by the students in the course Electrical Machines which is being studied by them as a part of curriculum. During this visit, the students got exposure to different types of transformers ranging from 5 KVA to a power transformer of 400 KVA ratings. Students also witnessed assembling of core with different sizes of stampings and windings of transformers, oil tank, conservator tank and breather, OLTC, transformer oil filter unit with detailed explanations. They have seen the computer software for design of transformer

The visit was organized by Prof. S. U. Umredkar and was accompanied by Dr V. A. Huchche. Around 60 students joined the same. The Chief Engineer of High Rise Transformers, Shri Samir Jadhav and other Engineers extended their cooperation to make the visit very informative to the students.

Parents Meet, Alumni Meet and Departmental Installations or Events

Parent-Teacher Meet of III, V & VII- semester

The parent-teacher meeting was held on 28/9/2024 (Saturday) at 11:00 am in the Department library of Electrical Engineering Department. The main objective of the PTM was to update the parents about the academic performance and personal development of their wards. Head of the Department, Dr. U. B. Mujumdar, PTM Coordinator Dr. S. C. Rangari, and the class teachers Prof. M. B. Gaikwad (III Sem), Prof P. V. Kapoor (V Sem) and Prof P.A Salodkar (VII sem) welcomed the parents. Total of 21 parents along their wards attended the meeting.

Head of the department, Dr. U. B. Mujumdar, along with course coordinators were available for interaction with Parents. All class teachers provided a comprehensive overview of students' academic performance in unit test1, attendance and areas for improvement. Class teachers addressed concerns related to student

attendance and punctuality, emphasizing that consistent attendance is crucial for academic success. HOD sir encouraged parents to motivate students to participate in internships, workshops, and skill-building programs that are essential for industry exposure.

Parents expressed satisfaction with the efforts taken by the faculty for student progress. Some of the Parents asked for placement assessments to track their wards progress. The department will look into implementing some of the feedback received, especially regarding placement.

Parent-Teacher Meet of RBU I semester

The parent-teacher meeting was held on 26/10/2024 (Saturday) at 11:00 am in the EE-3 class room Electrical Engineering, Department. The main objectives of the PTM were to review students' academic performance and personal development. HoD, Dr. U. B. Mujumdar, Dr. S. C. Rangari, PTM Coordinator and the class teacher Prof. V. A. Huchce welcomed all parents. A total of 22 parents along their wards attended the meeting.

Head of the department, Dr. U. B. Mujumdar, along with course coordinators was available for interaction with Parents. Prof V. A. Huchche provided a comprehensive overview of students' academic performance in unit test1, Teachers assessment, theory/Lab attendance and areas for improvement. She had discussed concerns related to student attendance and punctuality, emphasizing that consistent attendance is crucial for academic success. HOD Sir encouraged parents to motivate students for regular class attendance.

Parents very much interested in interacting with all course teachers and asked for feedback of their ward. Some of the Parents asked for other assessments and planning of the department for next upcoming months. The department will look into some of the students' academic progress, especially late admitted students.

Glimpse of parent-teacher meeting.

Conference, STTP and Guest Lectures organized in Department.

Guest Lecture on "Pre- Commissioning testing and commissioning of 50 MVA, 400/220/33kV, ICTs, Transformers"

A guest lecture on "Pre- Commissioning testing and commissioning of 50 MVA, 400/220/33kV, ICTs, Transformers" was organized on 30th August 2024 for the students of B. Tech VII Semeter Electrical Engineering. This lecture was delivered by Mr. Dilip Lende, Executive Engineer, EHV Protection, Automation & Communication Division, MSETCL, Nagpur. He has guided the students by explaining the designing of protective scheme of 50MVA, 220/33kV transformer and importance of interconnected

current transformer used for matching factor. He also explained the protective scheme of 220kV transmission line. Total 55 students attended this lecture. The faculty coordinator was Dr. M. V. Palandurkar.

Glimpse of Guest Lecture

Orientation Program for III Semester B.Tech.

An orientation program for III semester B. Tech students was organized on 30th July 2024 in the department. Prof. M. B. Gaikwad, the class teacher, hosted the event. The HoD(EE), Dr. U. B. Mujumdar shared information about the curriculum, evaluation process and the other academic provisions. He enlightened the students about various activities of EESA, special provision of academic flexibility like credit transfer against MOOC, L&T courses, Open Elective and Honor/Minor scheme of the college, six weeks and six months internship etc. He also gave the information regarding training and placement drive in detail. He emphasized the need for sincerity of students in terms of attendance, interaction, career-oriented planning and its implementation.

Students' Corner

VIII Semester Toppers List

Sr. No.	Name Students	CGPA
1	Vallabh Pravin Acharya	9.86
2	Atharva Sandip Joshi	9.66
3	Ujwal Shrikant Masane	9.31
4	Ayush Chandrakant Virutkar	9.22
5	Achintya Patil	9.12

VI Semester Toppers List

Sr. No.	Name Students	CGPA
1	Veena Jawrani	9.54
2	Sarthak Sunil Wankhede	9.38
3	Pawan Jagdish Wath	9.36
4	Prajwal Pratap Sontakke	9.33
5	Gaurav Yogendra Thakur	9.24

IV Semester Toppers List

Sr. No.	Name Students	CGPA
1	Ritika Mishra	9.39
2	Tanushree Yogesh Waratkar	8.99
3	Kammya Bhupesh Paradhi	8.98
4	Ishika Prakash Choudhary	8.76
5	Ayush Sanjay Hood	8.69

Student Achievements

- **Mahi Tiwari** student of third year (EE) represented the university in volleyball with exceptional skill, earning the title of 1st runner-up in the University Championship held from October 11 to 14, 2024 and 17 October . She also participated in the DNC Tournament from October 1 to 4 ,2024, where she showcased her abilities and secured the position of 1st runner-up.

  Furthermore, from October 24 to 30, 2024, she demonstrated her talent on a larger stage at the West Zone Tournament, solidifying her reputation as a key player in the sports community.

- **Kammya Paradhi** student of third year (EE), Excelled in basketball by clinching the 1st position at the college level during the tournament held from October 3 to 5, 2024, showcasing her talent and dedication.

- **Bhavika Nagpure** student of third year (EE), Demonstrated exceptional skills in volleyball, finishing as the 1st runner-up at the DNC Championship held from October 1 to 4, 2024, and representing the university from October 11 to 14, 2024.

- **Shreyash Wasekar** student of third year (EE), Showcased his volleyball talent by competing at the DNC Championship from October 11 to 14, 2024, contributing significantly to his team's success.

- **Shivam Rao** student of third year (EE), committed volleyball player who represented his college at the DNC Championship from October 11 to 14, 2024, displaying skill and teamwork.

- **Rohan Dhote** student of third year (EE), A versatile talent with achievements in volleyball, representing his college at the DNC Championship from October 11 to 14, 2024, and securing a 1st runner-up finish at the Techfest Nagpur zonals. Additionally, he achieved 4th place in the RC plane category at the World Robotics Championship on 19th of October 2024.

> "There are two educations. One should teach us how to make a living and the other how to live."
>
> —John Adams
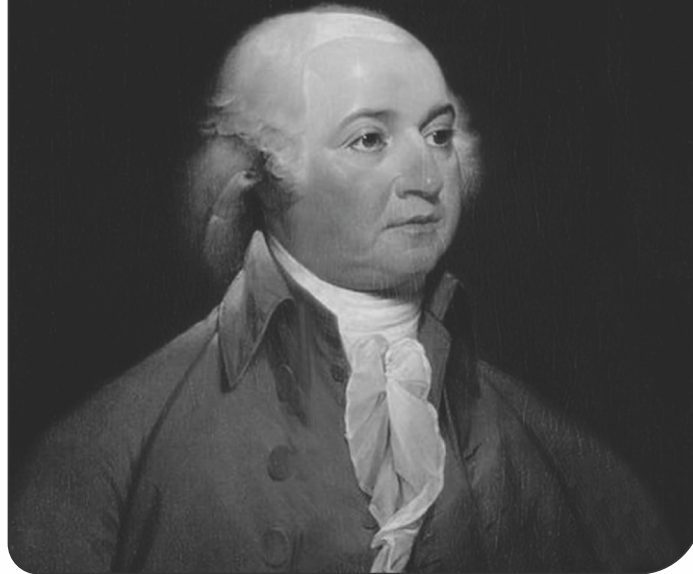
Department of Information Technology

Faculty Corner

Faculty Ph.D. Awarded

- Prof. Shweta V. Bondre was awarded with Ph.D. in Computer Science and Engineering from G H Raisoni University, Amravati. Her thesis title was "Design and Implementation of Leaf Disease Detection and Grading system using Convolution Neural network".

Awards received by Faculty of department

- Dr. Purshottam J. Assudani was felicitated by RBU on the Foundation Day of College i.e. 10th September 2023 for generating highest corporate training consultancy amount of around 10 Lacs in the session 2023-24.

Guest Lectures taken by faculty

- Dr. Purshottam J. Assudani delivered a lecture on "Deep Dive into How AI is Shaping Cloud Computing Careers in 2024" on 30th July 2024 for Caltech (California University), USA (Ranked 2nd in the world).

- Dr. Purshottam J. Assudani delivered a lecture on "AWS vs. Azure vs. GCP: Pros and Cons for Aspiring Cloud Professionals" on 05th September 2024 for Simplilearn.

Publications

- Dr. Suresh S. Balpande has published a paper titled "Deep Learning-Assisted Smartphone-Based Electrochemiluminescence Visual Monitoring Biosensor: A Fully Integrated Portable Platform", in Micromachines Journal (ISSN: 2072-666X), August 2024 (SCI indexed).

- Dr. Chetana Thaokar published a paper titled "Fake content detection on benchmark dataset using various deep learning models" in International Journal of Computational Science and Engineering (ISSN: 17427185), September 2024 (Scopus indexed).

- Dr. Rakesh K Kadu has published a paper titled "Securing The Future: Defending The IoT Ecosystem With Sparse Fuzzy Networks", International Journal of Environmental Protection and Ecology 25(4) (2024) Pages: 1188 – 1199, July 2024 (Scopus Indexed)

- Dr. Rakesh K Kadu has published a paper titled "Deep Learning-Based Intelligent Diagnostics Framework for The Labeling Of Mammogram Image", in South Eastern European Journal of Public Health (ISSN: 2197-5248), August 2024 (Scopus indexed).

- Dr. Rakesh K Kadu has published a paper titled "Digitization of the Classroom AI and IoT Influence in the Education Sector, Journal of Informatics Education and Research , Vol. 4 No. 3 (2024) , ISSN: 1526-4726, 400-408, August 2024 (UGC Care/ABCD)

- Dr. Shweta Bondre has published a paper titled "Application of M⁼RCNN for prompt segmentation between infected tomato leaves and healthy tomato leaves", in Journal of Phytopathology (ISSN: 1439-0434), 2024 (SCIE indexed).

- Dr. Shweta Bondre has published a paper titled "Speech-to-text Emotion Detection System using SVM, CNN, and BERT" with ISSN/ISBN No. 979-8-3503-7700-2 on 25th November 2024 (IEEE).

- Dr. Shweta Bondre has published a paper titled "Electronic Health Monitoring System with Live Data Tracking using IoT" with ISSN/ISBN No. 979-8-3503-6841-3 on 28th November 2024 (IEEE).

- Prof. Jaya Nanwani has published a paper titled "Predicting Knee Osteoarthritis Progression from Radiographic images: A Deep Learning Approach for Early Detection and Intervention" with ISSN/ISBN No. 979-8-3503-7024-9 on 04th November 2024 (IEEE).

- Dr. Shweta Bondre has published a Book Chapter titled "Deep Reinforcement Learning Algorithms: A Comprehensive Overview" with ISSN/ISBN No. 9781394272587 on 04th October 2024 (Publisher: Wiley).

- Dr. Shweta Bondre has published a Book Chapter titled "Deep Reinforcement Learning in Robotics and Autonomous Systems" with ISSN/ISBN No. 9781394272587 on 05th October 2024 (Publisher: Wiley).

STTP/FDP/other Training Attended by Faculty

- Prof. Pallavi Meshram has attended a Faculty Development Program on AI for Future Workforce (in Collaboration with Intel) from 22nd - 27th July 2024, organized by NITTTR, Chandigarh.

Departmental Activities
Parents Meet and Events

- The Parent Teachers meet was organized by the Department of Information Technology on 05th October, 2024 for III, V and VII semester ITS. The academic Performance of the students was discussed with the Parents.   Dr. S.S. Balpande, Head of IT & Security Department took the feedback and suggestions of the parents for overall improvement of the department.

Students' Corner
Conference, STTP and Guest Lectures organized in Department

S.No.	Conference/STTP/Guest Lecture organised	Speaker (with Affiliation)	Duration	Date
1	Expert lecture on IoT and Its Challenges	Dr. C. Satyanarayana, Magni5 Pvt. Ltd, Hyderabad	02 hours	24th October 2024
2	Session on Placement Preparation for IIIrd year Students	Final year IT Students	02 hours	24th October 2024

Beyond Academics

- 90% of 2023-24 Batch eligible IT students got placed through campus drive.

- Top IT companies like Porter, Nutanix, Cisco, IBM, Accenture, Persistent, C&R Software, Cloud4C, IBM VConstruct selected 62 students from the Department.

- 51 students completed Full Time Internship in VIII semester.

- The placement details of department for the session 2023-24 are as follows :

Sr. No.	Company Name
1	Nutanix
2	Porter
3	CISCO
4	C & R Software
5	Fendahl
6	Innovapptive
7	vConstruct
8	Persistent
9	IBM
10	Accenture
11	Quantiphi
12	Cloud4c
13	Deloitte
14	Siemens
15	Genpact
16	Capgemini
17	TCS
18	TCS
19	Solar
20	Tech Mahindra
21	Acuitas 360
22	Micropro
23	Corizo
24	Atroverse Technologies
25	Cognizant
26	Skillmine Technologies

Department of Mechanical Engineering

Faculty Corner
Faculty Ph.D. Awarded

Dr. Mangseh Joshi successfully defended his Thesis 27th June 2024 having titled "Development of workstation improvement framework through ergonomic evaluation" and received notification on 4th July 2024.

Publications

- Dr. Y. M. Sonkhaskar presented two research papers titled "Novel Iterative Methodology for Modifications in Planar Straight Line Crank-Rocker Synthesis" and "Machine Learning Algorithm for Identifying Longer Straight-Line Crank Rocker Coupler curves" during the Fifth International Conference of IFToMM Italy, which took place from September 11–13, 2024, at the University of Politecnico di Torino, Italy.

- Dr. Mangesh Joshi has published a paper titled "Ergonomic Risk Factor Priority Evaluation of Hand Fabric Painters based on Hybrid ISM–Spherical Fuzzy DEMATEL Approach" in the Journal of Scientific & Industrial Research (JSIR), August 2024 , SCIE indexed journal.

- Dr. Mangesh Joshi presented a paper titled "Assessing cost-effective materials for multi-functional crutches: an integrated MCDM framework" at the International Conference on Advances in Mechanical Engineering & Material Sciences (ICAMEMS-2024). The conference was organized by the School of Mechanical Engineering at VIT-AP University, Amaravati, and held from August 8th to 10th, 2024. Paper likely to be published in SCIE indexed journal "Archives of Metallurgy and Materials".

Patent Granted

- A patent on "SOLAR PANEL WITH RADIATOR COOLING MECHANISM" is granted to Prof. Y. M. Sonkhaskar, Mayank Kumar M. and Prathamesh Wandile on 11/09/2024

STTP/FDP/other Training Attended by Faculty

- **Dr. Ashish D. Urade** attended a one week faculty Development Program on 'Sustainable Product Design and Manufacturing' Conducted during 22 to 27 July, 2024 organised by School of Mechanical Engineering at Faculty Development Centre (FDC)-SMVDU under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Shri Mata Vaishno Devi University, Katra, Jammu.

- **Dr. Ashish D. Urade** attended a one week faculty Development Program on 'Innovations in Robotics and UAVs: Digital Twins, Drone Design, and Future Trends' Conducted during 30th July to 03rd August 2024 organised by Mechanical Engineering Department at VNR Vignana Jyothi Institute of Engineering and Technoloty, Bachupalli, Hyderabad.

- **Dr. Ashish D. Urade** attended a one week faculty Development Program on 'Modern Trends in Manufacturing Process' Conducted during 05 to 10 August 2024 organised by Mechanical Engineering Department at Easwari Engineering College, Ramapuram Chennai.

Departmental Activities

Industrial Visits

- A visit of second year students was arranged to Govigyan Anusandhan Kendra, Deolapar on 04/10/24, to give the students exposure about various activities and projects going on over there.

Parents Meet, Alumni Meet and Departmental Installations or Events

- A Parent-Teacher Meet was organized by the Department of Mechanical Engineering on 28th September 2024 for the Parents of ODD semester Students. The meeting was chaired by Dr. V. V. Shukla, the Head of Mechanical Engineering Department. Around 24 parents actively participated in the meet.

Students' Corner

Student Achievements

- Anushka Sainis, Deoyani Likhar, Sejal Gehlod and Shruti Shahane, students of final year B. Tech. Mechanical Engineering got selected in Schneider Electric through Campus Interviews.

- Arjun Singh of VII Semester, B. Tech. Mechanical Engineering presented a paper Titled , "Design and analysis of Trailing arm suspension system for an All-terrain Vehicle" in Fifth International Conference on Advances in Physical Sciences and Materials (ICAPSM 2024) held during 29 -30, August 2024.

- Kartik Bawre and Dhruv Dhorajiya of VII Semester, B. Tech. Mechanical Engineering presented a paper Titled , "Design and Development of Gearbox Integrated with Transfer Case" in Fifth International Conference on Advances in Physical Sciences and Materials (ICAPSM 2024) held during 29 -30, August 2024.

Prajwalan 2024

- The Department of Mechanical Engineering, RCOEM conducted Prajwalan 2024, the formal installation program for the second-year B. Tech (16th batch) students, on July 13, 2024. Prajwalan is a formal welcoming program for students joining the department.

"The highest education is that which does not merely give us information, but makes our life in harmony with all existence."
– Rabindranath Tagore
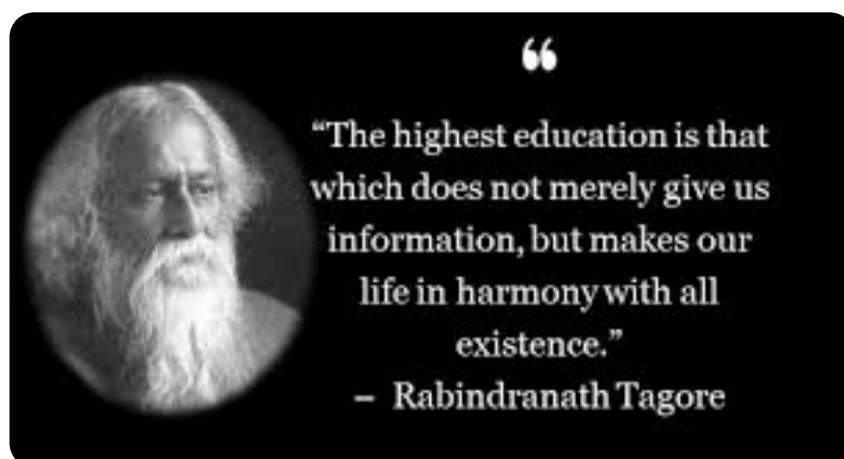
Department of Mathematics

Faculty Corner
Faculty Ph.D. Awarded

- Ashwini Ravindra Lalke

- Nilanjan Nandy

Awards received by Faculty of Department
Guest Lectures taken by faculty

- Dr. R. G. Ghumde has delivered a lecture on Workshop on SageMath (Topic) on 09/09/2024 Date at Shivaji Science College, Nagpur (Place/Organization).

- Dr. P. O. Bagde has delivered a lecture on Workshop on SageMath (Topic) on 09/09/2024 Date at Shivaji Science College, Nagpur (Place/Organization).

Publications

- P. V. Lepse has published a paper titled Impact of Particle Creation in Rastall gravity in International Journal of Geometric Methods in Modern Physics with ISSN 0219-8878/ doi:10.1142/S0219887824400371 Issue Jul-24, Indexed with SCI

- P. O. Bagde has published a paper titled Building Chatbots: A Guide to Frameworks and Platforms in AIP Conference Proceedings with https://doi.org/10.1063/5.0224433 Issue Aug-24, indexed with Scopus

- P. O. Bagde has published a paper titled Chatbots in medical education: A study on their effectiveness as learning tool in AIP Conference Proceedings with https://doi.org/10.1 Issue Aug-24, indexed with Scopus

- P. V. Lepse has published a paper titled Consequences of Particle Creation under Lyra's Geometry in Recent Advances in Pure and Applied Mathematics with ISSN 978-3-030-41321-7 Issue Aug-24, indexed with Scopus

STTP/FDP/other Training Attended by Faculty

- Prof. Madhuri Kotewar (Paratkar) have attended a STTP from 02/09/2024 to 07/09/2024 (Date) organized by BITM & RSP Science Hub

Conference, STTP and Guest Lectures organized in Department.

A Guest lecture was organised by mathematics department on October 4, 2024 at 10:00 AM to 11:00 AM on "Life after Engineering" for electronics communication students.

Mr. Gaurav Laghate, software engineer Intel Bangalore was the speaker. He delivered a session where he spoke about applications of engineering specific to their career. It was an interactive session where students enquired about their queries regarding real life application of engineering subjects.

He highlighted the importance of subject knowledge while working in the industry.

The session was productive for students of electronics communication branch.

Guest Lecture an "Life After Engineering"
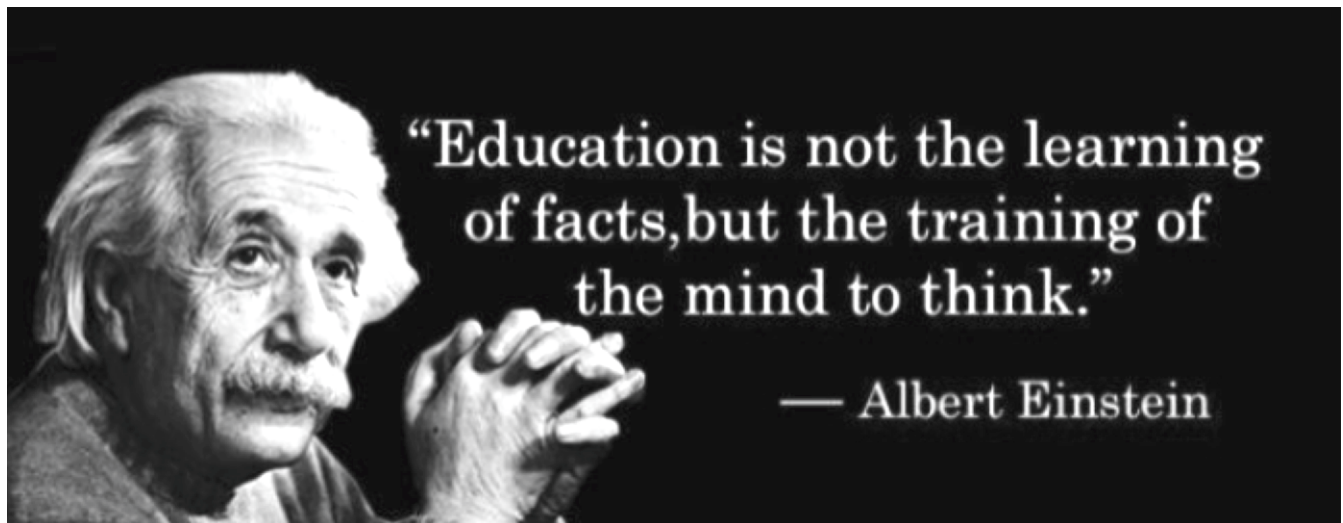
Department of Humanities

Faculty Corner

Guest Lectures taken by faculty

- Dr. Vinod Asudani chaired National Conference on 'Folk Art Bharati' organized by Maharashtra Sindhi Sahitya Academy at Mumbai on 3rd August.

- Dr. Vinod Asudani was invited to participate in 'All India Kavi Sammelan' organized by Maharashtra Sindhi Sahitya Academy at Ulhas Nagar on 4th August 2024

- Dr. Vinod Asudani was invited to present a Research paper on 'Prose contribution of Shyam Jaisinghani' in one day National Conference organized by Central Sahitya Academy at Mumbai on 23rd August 2024

- Dr. Vinod Asudani was invited to deliver a guest lecture on 'Role of Literature in Life' organized by National Academy of Direct Taxes (NADT) Nagpur on 3rd September 2024.

- Dr. Vinod Asudani was invited to deliver a guest lecture on ' Gen Z and AI and Literature' at IIT Mumbai organized by Gateway Litfest Bookmark Event at IIT MUMBAI on 29th September 2024.

- Dr. Vinod Asudani was invited to conduct two Advance Sindhi Poetry workshops at Ahmedabad on 15th and 16th October 2024 organized by Akhil Bharat Sindhi Boli and Sahitya Sabha New Delhi in collaboration with Gujarat Sahitya Academy

- Dr. Vinod Asudani was invited to preside over two 2nd Sahitya Jagar Sahitya Sammelan held at Pune on 26th and 27th October 2024

- 1. Ms. Pratishruti Singh Agarwal was invited as a panelist by the Fab Society to discuss on Women Safety on 23rd August held at Faba Cafe, Nagpur.

- 2. Ms. Pratishruti Singh Agarwal delivered a guest lecture on 'Charting Your Course: The Power of Goal setting' on 4th September 2024 at Mathuradas Mohta Science College, Nagpur.

STTP/FDP/other Training Attended by Faculty

- Ms. Asifa Ebrahim attended an online 'International Faculty Development Programme' on 'Navigating the Future: Innovations and Strategies in Teaching and Research', organised by the Department of English, Kristu Jayanti College, Autonomous, Bengaluru, Karnataka, India from September 26, 2024 to October 5, 2024.

"Some of the brightest minds in the country can be found on the last benches of the classroom."

— Dr. APJ Abdul Kalam

Department of Physical Education
SPORTS ACTIVITIES

NATIONAL SPORTS DAY CELEBRATION
AAGAAZ 6.0: Intramural Recreational Games

In commemoration of National Sports Day, the Department of Physical Education at RBU organized the sixth edition, titled "AAGAAZ 6.0," for the students and faculty members of RBU. Throughout the week, students participated in a range of sports events, including basketball, chess, power lifting, table tennis, tug of war, volleyball, and recreational games designed for first-year students. This year's event saw record participation with 816 students competing in various categories.

The closing ceremony took place on 29th August 2024, featuring a prize distribution and a keynote address by Prof. Pravin Dwaramwar. The event began with a warm welcome from hosts Anushka Pethe and Swaroop Jichkar, who thanked everyone for their support and participation. A video showcasing highlights from the week was also presented. The event concluded with a vote of thanks from Dr. Amit Anurag, Head of the Department of Physical Education

Sr. No.	Game	Winner / Runner	Name of Team	Name of Players
1	Basketball (M)	Winner	123	Swaroop Jichkar
				Parth
				Chitraksh
2	Basketball (M)	Runner	All In	Parth Thakur
				Om Gatlewar
				Omkar Martande
3	Basketball (W)	Winner	Team Hoopers	Devashree Ambegaokar
				Preeti Sathawane
				Sneha Khandelwal
4	Basketball (W)	Runner	Sniper Shots	Arya Dongre
				Sharvari Nene
				Aditi Narsingkar
5	Volleyball (M)	Winner	Champions	Brijesh Dixit
				Abhishek Shrivastav
				Anish Patankar
6	Volleyball (M)	Runner	Wikhat	Prakhar Bhoomia
				Vishal Arkalwar
				AjatShatru
7	Volleyball (W)	Winner	Champions	Mahi Tiwari
				Anushka Pethe
				Bhavika Nagpure
8	Volleyball (W)	Runner	Tripple Threats	Mihera Gaikee
				Aditi Dhamankar
				Riddhi Rathi
9	Chess (M)	Winner	-	Shamit Agrawal
10	Chess (M)	Runner	-	Tarvez Ansari

11	Chess (W)	Winner	-	Maithili Khuje
12	Chess (W)	Runner	-	AishitaChhabda
13	Tug of War (M)	Winner	Team ECS	Rudra Gupta
				Suyash Gaur
				Ashwin Rahate
				Pratham Jaunkar
				Danish Khan
14	Tug of War (M)	Runner	The Pailwam	Amol Patne
				Sahil Yadav
				Vinit Tiwari
				Shubh Dubey
				Deven Chauhan
15	Tug of War (W)	Winner	Peak Performers	Nandini Sangtani
				Stella Karamchandani
				Saniya Jawarkar
				Srushti Futane
16	Tug of War (W)	Runner	Rope Raiders	Purvi Timbhare
				VedikaShahu
				Ishika Yadav
				Saee Bhandarkar
				Riddhi Rathi
17	Powerlifting (M) below 59 KG	Winner	-	Sujal Pal
18	Powerlifting (M) below 59 KG	Runner	-	Shibtain Raza
19	Powerlifting (M) above 74 KG	Winner	-	Anish Appalwar
20	Powerlifting (M) above 74 KG	Runner	-	Yogesh Meshram
21	Table Tennis (M)	Winner	-	Aditya Shrawagi
22	Table Tennis (M)	Runner	-	Anand Marathe
23	Table Tennis (W)	Winner	-	Venushree Sharma
24	Table Tennis (W)	Runner	-	AdishreeShiledar
25	Recreational Games (M)	First	-	Saksham Singh
		Second	-	Utkarsh Mall
		Third	-	Tanmay Kulkarni
26	Recreational Games (W)	First	-	Anushka Gurve
		Second	-	MarmikaKirnapure
		Third	-	Aayushi Das

In a remarkable show of sportsmanship, students from RBU enthusiastically took part in the RTMNU's Inter-Collegiate Tournament across various events. A detailed information can be found in the table below. This strong representation not only highlights the athletic prowess of RBU but also emphasizes the commitment of its students to excel in diverse sporting competitions.

Achievements :

• RBU Table Tennis (M) team won Second position in RTMNU

• RBU Table Tennis (W) team won Third position in RTMNU

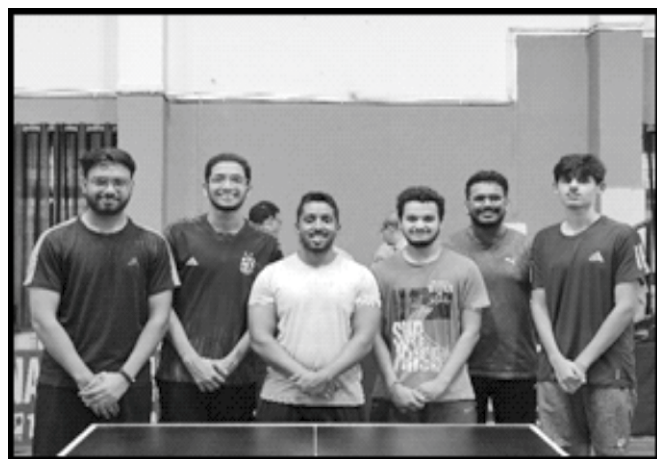| Sr No	Game	Date	Venue	No. of Participants	Rank
1	Table Tennis (M)	24/09/24-26/09/24	RTMNU TT Hall	5	Second
2	Table Tennis (W)	19/09/24-21/09/24	RTMNU TT Hall	5	Third
3	Badminton (M)	25/09/24-27/09/24	RTMNU Subhedar Hall	6	Participation
4	Badminton (W)	18/09/24-20/09/24	RTMNU Subhedar Hall	5	Participation

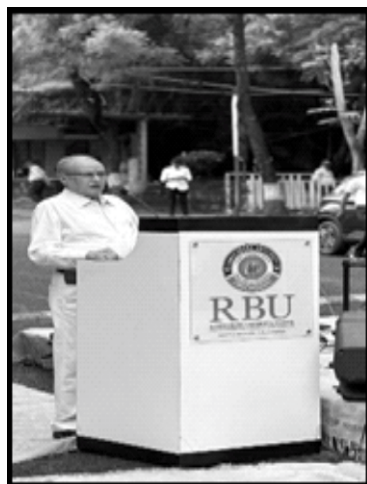*Table Tennis (M) Team*

Table Tennis (W) Team

Badminton (M)

*Badminton (W)*

NSS ACTIVITIES

Independence Day

The National Service Scheme (NSS) Unit and the Department of Physical Education at Ramdeobaba University commemorated the 78th Independence Day at the premises of Ramdeobaba University Campus with great zeal and enthusiasm on 15th August 2024. The event commenced with the hoisting of the national flag, which was followed by the singing of the national anthem. The celebration was honored by the esteemed presence of Shri Shyamsundarji Rathi, Executive Member and Chairman of the Steering Committee of Shri Ramdeobaba Sarvajanik Samiti, who also served as the chief guest for the occasion. The event also welcomed a distinguished array of guests, including Shri Kailashchand Agrawal, Secretary; Dr. Purshottam Paldiwal, Member; Bhagwandas Daga, Member; Shri Dinesh Agrawal, Member; Shri Rajesh Sanghani, Member; and Dr. Rajesh Pande, Vice Chancellor of RBU. The gathering was further enriched by the presence of the Director and Deans from various schools. Shri Shyamsundarji Rathi ji delivered a compelling and inspirational speech

The theme for this year's Independence Day was "Viksit Bharat 2047," which envisions India's progress and development by the year 2047, marking a century of independence. All the cultural performances during the event were centered around this theme. The Literary Club's presentation explored the vision for a developed India, while the musical, drama, and dance performances collectively highlighted the aspirations and potential of a "Viksit Bharat" by 2047. These performances effectively illustrated the theme's emphasis on unity, progress, and the collective effort needed to realize this vision for the future.
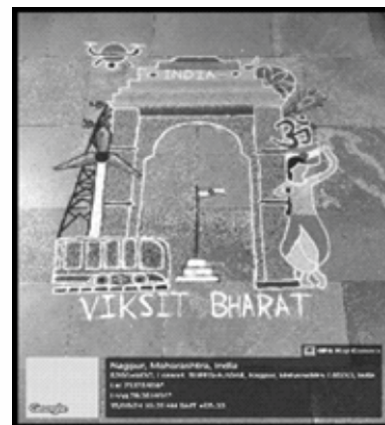
Literary Club

Drama Club

Dance Club

Anchors of the event

NSS Secretary

Guests for the event

Aarambh
NSS Foundation Day & AARAMBH Week Inauguration

The NSS Foundation Day was celebrated with great enthusiasm at Shri Ramdeobaba University on 24th September 2024, coinciding with the inauguration of AARAMBH, a week-long series of events aimed at fostering social responsibility, youth empowerment, and community service.

The anchoring of the event was handled by Mr. Devanshu Narnoliya and Ms. Nupur Gour, who set the tone for the afternoon by welcoming the audience and emphasizing the significance of NSS and its motto, "Not Me, But You." They also introduced the AARAMBH Week, designed to reflect the values of NSS through impactful events and activities.

Dr. Avinash Bharti - Director School of humanities and sciences was the Chief Guest for the event.

A total of 115 students and 40 NSS Core Volunteers were present for the event. The event concluded with a heartfelt vote of thanks by the anchors to all participants, volunteers, and the guest for the day, Dr. Prof. A.V. Bharti.

Mega Blood Donation

As part of its week-long AARAMBH celebrations marking the NSS Foundation Day, the National Service Scheme (NSS) Unit organized a Blood Donation Camp on 25th September 2024. The event was held in collaboration with Dr. Hedgewar Blood Bank, Nagpur, in the university's main auditorium. The initiative sought to promote social responsibility and inspire members of the university community to contribute towards saving lives by donating blood.

The event attracted significant participation, with a total of 830 registrations and the collection of 391 units of blood.

The event was further supported by Shri Ashok Patki, Secretary of Dr. Hedgewar Blood Bank, Nagpur. He commended the NSS Unit and university staff for organizing the camp and expressed gratitude to the students and faculty who donated blood. Shri Patki highlighted the critical importance of blood donation in saving lives and praised the overwhelming participation.
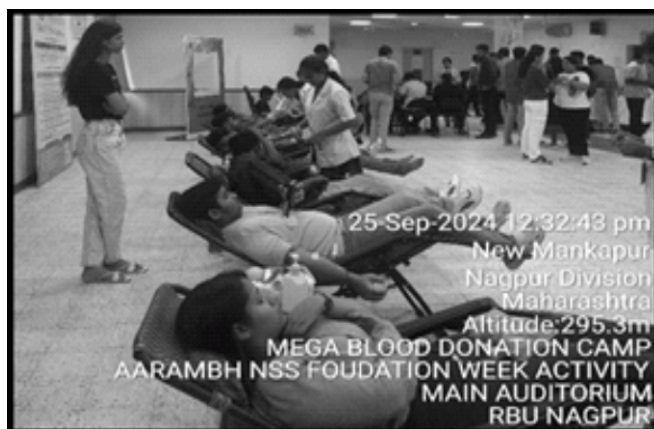
JUNOON Participants Specially abled children School Visit

The NSS core committee, along with dedicated NSS volunteers, facilitated a wide range of activities designed to inspire and educate the children. These included singing, painting, drawing, and fun games, providing a platform for self-expression and creativity. Additionally, important sessions on hygiene, and the concepts of 'good touch' and 'bad touch,' were conducted to ensure the students' safety and well-being. Group games, a lively jamming session, and various learning activities further contributed to a day of joy and interaction, fostering social skills and teamwork.

The event was met with positive feedback, and the principals of the participating schools expressed their sincere gratitude for the meaningful experience provided to the students. They commended the efforts of the NSS volunteers and the thoughtful organization of the event, which left a lasting impact on the children and staff alike.

Below is a detailed list of schools and the number of NSS volunteers who visited each institution :

Sr No	Name of School	NSS Volunteers who visited the School		
		Male	Female	Total
1	Sanskar Special School	12	3	15
2	SVK Shikshan Sanstha	-	4	4
3	Prayas School for Children with Special Needs	3	5	8
4	Arunodaya Special School	5	6	11
5	Jeevoday Special School for Mentally Handicapped Students	15	13	28

NCC

The NCC cadets from RBU have displayed exceptional performance in the various NCC camps they participated in. Below is a comprehensive list of the students who attended different NCC camps, along with the specific details of each camp they participated in.

Battalion: 2 MAH AIR SQN					
Sr No	Name	Branch	Year	Camp	Date
1	Swayam Tambay	CSE	III	CATC-610	2 July - 11 July 2024
2	Ishita Jaiswal	EC	IV	CATC-610	2 July - 11 July 2024
				IGC 2024 AIVSC	14 Aug - 23 Aug 2024
				PVSC 1 2024	24 Aug – 2 Sep 2024
3	Janhvi Sahu	AIML	III	CATC-610	2 July - 11 July 2024
				IGC 2024 AIVSC	14 Aug - 23 Aug 2024
				PVSC 1 2024	24 Aug - 2 Sep 2024
4	Aadya Pande	AIML	III	CATC-610	2 July - 11 July 2024
				IGC 2024 AIVSC	14 Aug - 23 Aug 2024
				PVSC 1 2024	24 Aug – 2 Sep 2024
5	Arya Damle	AIML	III	CATC-610	2 July - 11 July 2024
				IGC 2024 AIVSC	14 Aug - 23 Aug 2024
6	Pratham Maske	IT	III	CATC-610	2 July - 11 July 2024
				IGC 2024 AIVSC	14 Aug - 23 Aug 2024
				PVSC 1 2024	24 Aug – 2 Sep 2024
7	Ansh Shahu	EC	III	CATC-610	2 July - 11 July 2024
8	Roger Demello	EC	III	CATC-610	2 July - 11 July 2024
9	Sai Ambulkar	EC	III	CATC-610	2 July - 11 July 2024
10	Purva Gholse	CYB SEC	IV	CATC-610	2 July - 11 July 2024
11	Mitul Rohal	IT	III	CATC-610	2 July - 11 July 2024
12	Sakar Bhagwat	MECH	III	CATC-610	2 July - 11 July 2024

Swayam Tambey

Ishita Jaiswal

Janvi Sahu

Aadya Pande

Arya Damle

Pratham Maske

Ansh Shahu

Roger Demelo

Sai Ambulkar

Purva Ghosle

Mitul Rohal

Sr No	Name	Branch	Year	Battalion	Camp	Date
1	Ashlesha Pathak	CSE	III	2 MAH ARTILLERY (ARMY WING	CATC-614	2-11 Aug 2024
2	Shiva Raju	EC	IV	4 MAH NAVAL UNIT	All India Ship Attachment Camp	18-29 July 2024

Ashlesha Pathak

Shiva Raju

Department of Computer Applications

Faculty Corner
Awards received by Faculty of department

Prof. Yoginee Surendra Pethe, Assistant Professor in the Department of Computer Science and Applications, was awarded the Best Teacher Award at Ramdeobaba University. This recognition is based on consistent student feedback over the past two academic years (2022-23 and 2023-24). The award was presented by Shri Satyanarayanji Nuwal, Chairman of RBU, during the Foundation Day on September 10, 2024.

Prof. Yoginee Pethe receiving the award

Publications

- Dr. Pravin Karmore, Dr. Satyajit Uparkar and Prof. Vishnu Vardhan Budati along with Dr. Rahul Mohare, published a paper title 'Bag of Words' to 'Bag of Concepts': Improving Text Categorization using SVM Nanotechnology Perceptions, 2024, 20(S6), pp. 419–426 (Indexed in Scopus)

- Dr. Pravin Karmore, Dr. Satyajit Uparkar along with Dr. Sunita Dhote and Dr. Chandan Vichoray of MBA Department, published a paper Enhancing the Failure Mode and Effects Analysis Risk Prioritization Model Using Conservative Method Based on Enterprise Resource Planning Implementation Nanotechnology Perceptions, 2024, 20 (S6), pp. 427–443 (Indexed in Scopus)

Departmental Activities
Parents Meet

Parents - Teachers meet was conducted by the Department of Computer Applications on 28th September 2024 for Semester-3 students, 11:00 am onward. The main objective of this meet was to get the feedback from parent regarding the teaching learning process being followed by the Computer Application Department, get useful suggestions from them and also convey the ward's academic performance as well as college attendance.

The parents and students were made aware of the teaching learning process, the placement efforts and the other novel practices of the Department. The parents interacted with the Head of the Department, Dr. R. Hablani. The HOD answered their queries and informed them about the various initiatives which were already conducted as well as those planned in near future for the students in the Department.

The Parents also interacted with respective course teachers for resolving any subject related query. The Parents appreciated the MCA Faculty members for their innovative teaching efforts as well as personalized guidance provided to their ward and expressed deep satisfaction about the Department. The Parents were requested to fill the Parent Feedback form in order to collect their valuable responses.

Class teachers interacting with parent

HOD Interaction

Students' Corner
Students' Achievement
Internships and Preplacement offers

Total thirty-one students of MCA Final year got one year stipend-based internships in various companies followed by the pre -placement offer. Two students got six-month stipend-based internship at Fendahl International. The Internships and Preplacement offers till date are –

Student Name	Company	Designation	Duration	Remarks
Mahek P Amesar	Siemens	QA Intern	1 Year	Internship + PPO
Pornima K Awari	Siemens	QA Intern	1 Year	Internship + PPO
Prachi A Vaidya	Siemens	QA Intern	1 Year	Internship + PPO
Urshala D Arora	Siemens	QA Intern	1 Year	Internship + PPO
Varad G Dingankar	Siemens	QA Intern	1 Year	Internship + PPO
Yashpreetsingh J Kalsi	Siemens	QA Intern	1 Year	Internship + PPO

Asawari S Sambre	TECHWALNUT	Software Intern	1 Year	Internship + PPO
Lokesh R Suryawanshi	TECHWALNUT	Software Intern	1 Year	Internship + PPO
Omprakash M Joshi	TECHWALNUT	Software Intern	1 Year	Internship + PPO
Shilpak P Ughade	TECHWALNUT	QA Intern	1 Year	Internship + PPO
Shreyash M Deshbhratar	TECHWALNUT	Software Intern	1 Year	Internship + PPO
Vaibhav R Gajbhiye	TECHWALNUT	QA Intern	1 Year	Internship + PPO
Lakshminarayan S Sirsath	Elite Back Office Soln.	Java Intern	1 Year	Internship + PPO
Mayur R Kshirsagar	Elite Back Office Soln.	Java Intern	1 Year	Internship + PPO
Tejas N More	Elite Back Office Soln.	Java Intern	1 Year	Internship + PPO
Nikita G Mishra	Elite Back Office Soln.	UI / UX Developer Intern	1 Year	Internship + PPO
Pratik P Wadhai	Elite Back Office Soln.	UI / UX Developer Intern	1 Year	Internship + PPO
Raj S Pandey	Elite Back Office Soln.	UI / UX Developer Intern	1 Year	Internship + PPO
Uday S Rana	Elite Back Office Soln.	UI / UX Developer Intern	1 Year	Internship + PPO
Samruddhi M Biranjan	Elite Back Office Soln.	Graphic Designer	1 Year	Internship + PPO
Ayushi P Bais	SOLAR	Web Developer	1 Year	Internship + PPO
Shruti S Solanki	SOLAR	RPA Developer	1 Year	Internship + PPO
Shreyes H Bopche	Wipro	Trainee	1 Year	Internship + PPO
Madhvi M Singh	Great Place IT Services	Intern Position	1 Year	Internship + PPO
Jayesh L Nandanwar	Biginning	Full Stack Web Developer Intern	1 Year	Internship + PPO
Gauri S Miniyar	Growwithus	Web Developer Intern	1 Year	Internship + PPO

Gaurav S Khobragade	Infosys	Intern Position	1 Year	Internship + PPO
Dipanwita P Mitra	Team Lease	Tech Support	1 Year	Internship + PPO
Dhaval B Waykole	Virtual Globe Technology	Junior Software Engineer	1 Year	Internship + PPO
Aliasgar R Jiwani	Biospectronic	Software developer intern	1 Year	Internship
Mohit R Bhanarkar	Oakland	QA Engineer	1 Year	Internship
Shubhodeep Sarkar	Fendahl International	Intern	6 Months	Internship + PPO
Siya A Thakur	Fendahl International	Intern	6 Months	Internship + PPO

TEMPLE REPORT

DATE	EVENT	ACTIVITY
02-07-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
07-07-2024	Duj	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal and Flower Decoration by Local Artist
09-07-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
13-07-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal
14-07-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Radhakrishnabhakt Mahila Mandal
16-07-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
20-07-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal
21-07-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Radhakrishnabhakt Mahila Mandal
23-07-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
27-07-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal
28-07-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Radhakrishnabhakt Mahila Mandal
30-07-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
03-08-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal
04-08-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Radhakrishnabhakt Mahila Mandal
05-08-2024	Duj	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal and Flower Decoration by Local Artist
10-08-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal
11-08-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Radhakrishnabhakt Mahila Mandal
13-08-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
17-08-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal
18-08-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Radhakrishnabhakt Mahila Mandal
20-08-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
24-08-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal
25-08-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Radhakrishnabhakt Mahila Mandal
27-08-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
05-09-2024	Bhadwa Duj/Utsav	Welcome of Yatras in temple from different parts of city
06-09-2024	Bhadwa Duj/Utsav	Badhai Geet By Kamleshji Pande Khilona Decoration by Artist of Vrindawan
07-09-2024	Bhadwa Duj/Utsav	Ganeshji Sthapna By College Hostel Students Heera Moti Jhanki By Artist From Vrindavan
08-09-2024	Bhadwa Duj/Utsav	Bhajan Sandhya By Ramdeobaba Kirtan Sangam Chuneri Sajawat By Artist From Vrindavan
09-09-2024	Bhadwa Duj/Utsav	Bhajan Sandhya By Harshada Pacheriwala And Suraj Sharma, Haryali Sajawat
10-09-2024	Bhadwa Duj/Utsav	Radhe Path Chuneri Sajawat
11-09-2024	Bhadwa Duj/Utsav	Ramdeobaba Katha By Jaiprakashji Sharma Kolkatta Chhatri Sajawat
12-09-2024	Bhadwa Duj/Utsav	Ramdeobaba Katha By Jaiprakashji Sharma Kolkatta Sheesh Mahal Sajawat
13-09-2024	Bhadwa Duj/Utsav	Ramdeobaba Katha Samapan Mewa Sajawat
17-09-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
21-09-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal
24-09-2024	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
29-09-2024	Bhajan Sandhya	Bhajan Sandhya By Shri Ramdeobaba Bhakt Kirtan Mandal

FOLLOW US ON

LINKEDIN

SCAN ME

FOLLOW US ON

INSTAGRAM

SCAN ME

FOLLOW US ON

FACEBOOK

SCAN ME

Reflection
NEWSLETTER

RAMDEOBABA UNIVERSITY, NAGPUR

Ramdeobaba University, Nagpur, Ramdeobaba Tekadi, Gittikhadan, Nagpur – 440013

+91 9156288990   https://rbunagpur.in

Shri Ramdeobaba Temple on Campus

RBU
RAMDEOBABA UNIVERSITY, NAGPUR
Formerly Shri Ramdeobaba College of Engineering & Management (RCOEM) Est. 1984

Learn | Innovate | Accomplish

- Compiler -

Ms. Sakshi Raut

Media Executive, RBU

. . . .

Newsletter Designing and Printing
New Shriniketan Printing Press, Nagpur

. . . .

E-Newsletter
https://rbunagpur.in/