RCOEM

Shri Ramdeobaba College of Engineering and Management, Nagpur

Annual Report

2019-20

Shri Ramdeobaba College of Engineering and Management

Index

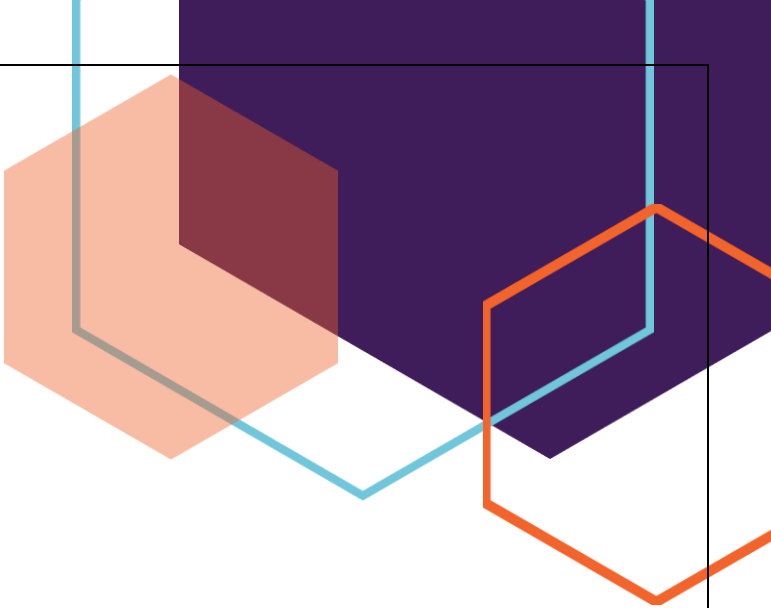# VISION AND MISSION

VISION

Shri Ramdeobaba College of Engineering and Management envisage the institute par excellence providing world class technical and management education.

MISSION

To impart quality education in the field of Engineering and Management and to foster mutually beneficial relationship with industries to create an intellectually stimulating environment for learning, research and for promoting professional and ethical values.

ABOUT US

AN AUTONOMOUS INSTITUTION PERMANENTLY AFFILIATED TO RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITYAN ISO 9001:2015 CERTIFIED INSTITUTION NAAC ACCREDITED WITH 'A' GRADE

QUALITY POLICY

Shri Ramdeobaba College of Engineering and Management is committed to achieve exemplary standards in Engineering and Management Education.

We aim at continuous improvement of all our processes and will strive to provide an environment conducive to the pursuit of knowledge and overall personality development.

We encourage all to adhere to the highest ethical standards and professional integrity and aim to enhance the satisfaction level of all stakeholders.

CORE VALUES

Excellence: The Institute strives to excel in knowledge assimilation, research and innovation.

Integrity: The Institute upholds high values of rationalism, professional ethics, human values and practice of equality.

Transparency: Transparency is maintained in all the processes and decisions taken in the Institute.

Social and Moral Responsibilities: The Institute commits itself to issues of national importance and global concern as a part of social and moral responsibilities.

Service to the Nation: The Institute pledges to serve the nation by developing technically trained human resource in the field of engineering and management.

VISSIONARIES

SHRI BANWARILAL PUROHIT (HON'BLE GOVERNOR OF TAMIL NADU & FOUNDER CHAIRMAN, RCOEM)

More than three decades ago, we committed ourselves to develop excellent technically trained human resources that would contribute to the development of nation. Shri Ramdeobaba College of Engineering and Management (RCOEM) was the manifestation of that vision & a commitment to achieve exemplary standards in engineering and management education. RCOEM continues its relentless quest to raise the bar and set new benchmarks in the education sector. We strive to instill the same spirit in the students and provide an environment conducive to the pursuit of knowledge and over-all personality development. It has helped to mould the students into dynamic individuals who stand out among their peers. We preach value education and practice the values by following a transparent admission process which is based purely on the merit of the students. Shri Purohit, a social activist and educationist, is the guiding force behind RCOEM's success. Prior to his appointment as Governor of Tamil Nadu, he was also the Governor of Assam and Meghalaya. He was elected as a Member of Parliament from Nagpur, thrice, and served as a Minister in the Maharashtra government. He is the mentor of Nagpur's leading English daily, 'The Hitavada'. Shri Purohit is also the Vice President of Bharatiya Vidya Bhavan, an educational trust which has educational institutions world over. He Chairs the Nagpur unit of Bharatiya Vidya Bhavan Schools with special responsibility of Central India. *(Shri Purohit, a social activist and educationist, is the guiding force behind RCOEM's success. He was elected as a Member of Parliament from Nagpur, thrice, and served as a Minister in the Maharashtra government. He is the mentor of Nagpur's leading English daily, 'The Hitavada'. Shri Purohit is also the Vice President of Bharatiya Vidya Bhavan, an educational*

trust which has educational institutions world over. He Chairs the Nagpur unit of Bharatiya Vidya Bhavan Schools with special responsibility of Central India.)

SHRI CHANDRAKANTBHAI THAKAR (VICE-CHAIRMAN)

We all live in an era where science and technology are the corner stone on which the constructive build of the society rests. RCOEM, in its 32 years of existence has strived hard to make itself a real instrument of socio-economic change through innovation in technical education. This Pioneer Institution has grown to symbolize all that is best in our profession and is achieved excellence to meet the challenges brought on by globalization.

Shri Thakar is a renowned lawyer practicing in Supreme Court, High Court, and Income tax tribunals. He has specialization in income tax and has represented numerous important income tax cases. He has held the prestigious position of the President of Income Tax Appellate Tribunal Bar Association, Nagpur for several years. He is also connected with various educational institutions. He is Chairman, Trust Mandal of Shri Nagpur Gujarati Mandal which is a prime educational society that is managing various primary and high schools and colleges.

SHRI SATYANARAYAN NUWAL (VICE-CHAIRMAN)

The objective of education is to prepare the youth to adapt more practical approaches in life. Education is all about stimulating young minds and igniting their intellect. We at RCOEM believe that students have to be prepared to make a difference and an education institution has to provide the opportunities to enhance their skills to make the difference.

Shri Nuwal is the Chairman of Solar Industries India Limited and is the first-generation entrepreneur who started his career by trading in industrial explosives and initiating systems. He set up the first explosive production plant in the year 1996, under the flagship company Solar Explosives Limited in Nagpur. Within a decade, his endeavor established itself as the best-known names in the explosives industry. He is also the Chairman of seven other companies and Director in two. He has been ranked among the Best 100 CEOs of India by Business Today. With his vision as a leader and commitment to excellence, he is the guiding force behind many policies and decisions taken at the College level.

SHRI GOVINDLAL AGARWAL (GENERAL SECRETARY)

We at RCOEM offer multi-dimensional learning experience. It not only includes practical and academic learning but also grooming of individuals as professionals and responsible citizens. This stems from our commitment to set uncompromising academic standards that drive our philosophy to produce graduates who can make a difference in their chosen careers.

The Institute has always evolved itself by adapting to changes occurring in the society, in general, and the industry, in particular. This reflects not only in the curriculum but also in the state-of-the-art infrastructure that meets global standards. We continue with our mission to 'sculpt excellence' to create responsible global citizens.

A well-known industrialist, Shri Agarwal is not only one of the visionaries but also the policy implementer of the College on behalf of the Management. His experience, zeal, sincerity, and unconditional support have helped the Institution achieve the stature that it has today. He is also an active member of various social and religious organizations.

DR. RAJESH PANDE (PRINCIPAL)

Shri Ramdeobaba College of Engineering and Management, Nagpur founded in 1984 gives an idyllic setting where individuals are honed to be ethical professionals. RCOEM has been recognized for its commitment to excellence to technical education. The reputation that RCOEM has earned comes from the efforts, contributions and achievements of our thousands of stakeholders.

Our community of students, professors, staff and alumni shares a commitment to diligence and make sincere efforts towards the advancement of the society through creativity and innovation. RCOEM is the temple of knowledge devoted to innovative learning, creativity and effective application of knowledge and values for sustainable development.

Dr. Rajesh S. Pande is an eminent scholar and holds enormous experience of more than 28 years as a researcher, academician and administrator. His area of research and expertise are Radio Frequency Micro-Electro-Mechanical-Systems (RF MEMS) and VLSI Design. He is the Director of Section 8 Company "RCOEM Technology Business Incubators Foundation". He has been the Principal Investigator of two projects on MEMS cantilever switch which were carried out at Indian Institute of Technology - Bombay under Indian Nano electronics Users Programme of Government of India (INUP). He won the best Project Award – 2018 for the medium-term project titled "Fabrication and Characterization of MEMS Cantilever Switch for Power Applications" at IIT, Bombay. He has published research papers, patents and heading projects supported by Ministry of MSME, AICTE, DST and Rajiv Gandhi Science and Technology Commission at RCOEM. Dr. R.S. Pande was bestowed with Best Principal Award by Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) for his able administration in 2017 and nominated as Member of Academic Council, RTMNU. He was also felicitated by Institute of Engineers as Eminent Engineer on Engineers' Day-2017.

Rankings &
Accreditations

RANKING AND ACCREDITATION

RCOEM ranked **112th** by National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India in Engineering Category in 2020.

RCOEM has got INDIA TODAY RANKING of **23rd** in All India Private Engineering Colleges Category.

RCOEM has got CSR Magazine survey 2019 of **44th** in all Engineering Colleges of India and **28th** in Top Engineering Colleges of Eminence in India as per CSR Magazine survey 2019

➢ **Accreditation**

- Institute is accredited by NAAC –"A" Grade
- Autonomy extension - 6 Years (2017-18 to 2022-23)
- Many courses have live NBA (National Board of Accreditation) Accredited
    - o B.E. Civil Engineering
    - o B.E. Electrical Engineering
    - o B.E. Electronics Engineering
    - o B.E. Mechanical Engineering
    - o B.E. Electronics & Communication Engineering
    - o B. E. Computer Science and Engineering
    - o B.E. Industrial Engineering
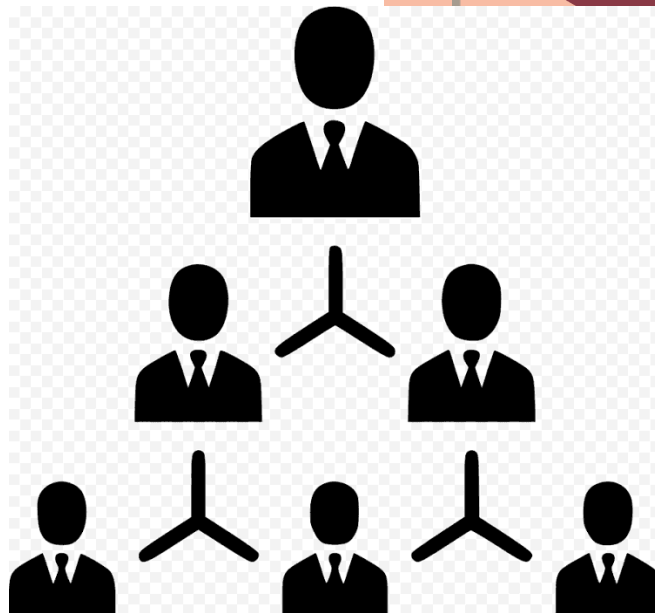
Organizational Structure

ORGANIZATIONAL STRUCTURE

Board of Management

- Steering
- Staff selection Committee
- Principal
- Finance Committee
- Academic Council
  - Board of Studies and PAQIC
  - Exam Committee

Dean Second Shift

Academic Advisory Board
- IQAC
- Controller of Examination
- Administrative Officer
- MIS In-charge

- Registrar
- Finance Officer
- Librarian
- Hostel Warden
- Security Officer

Deans
- Dean Academics
- Dean Admission
- Dean Student Representative Council
- Dean Training and Placement
- Dean Research and Development
- Dean Industry Institute Interaction

HODs
- HOD Civil Engineering
- HOD Electrical Engineering
- HOD Electronics Engineering
- HOD Industrial Engineering
- HOD Mechanical Engineering
- HODs Applied Sciences and Humanities and Professor Incharge First Year

- HOD Computer Science Engineering
- HOD Electronics Design Technology
- HOD Electronics and Communication Engineering
- HOD Information Technology
- HOD Department of Management Technology
- HOD Department of Computer Application

Committees
- Grievance Redressal Committee
- Examination Committee
- Admission Committee
- Library Committee
- Internal Complaint Committee
- Anti-Ragging Committee
- Academic Performance Evaluation Committee
- Equal Opportunity Cell
  - SC/ST Committee
  - Minority Cell
  - OBC Cell

- Institutional Academic Integrity Panel
- Research Advisory Committee
- Supervisor Allocation Committee
- Central Disciplinary Committee
- Woman Empowerment Cell
- Students Welfare and Counseling Cell
- Centre of Positive Emotional Health

COMMITTEE AND CELLS

EXECUTIVE COMMITTTEE

Chairman
Shri Banwarilal Purohit
Hon'ble Governor of Tamilnadu

Vice-Chairman
Shri Chandrakantbhai Thakar

Vice-Chairman
Shri Satyanarayan Nuwal

General-Secretary
Shri Govindlal Agarwal

Secretary
Shri Rajendra Purohit

Secretary
Shri Kailashchand Agrawal

Treasurer
Shri Ashokkumar Pacheriwala

Member
Shri Shyamsunder Rathi

Member
Shri Padmesh Gupta

Member
Shri Ramswaroop S. Sarda

Member
Dr. Purushottam Paldiwal

Member
Shri Indrakumar Kejadiwal

Member
Shri Dinesh Agrawal

Member

Shri Bhagwandas Daga

Member

Shri Pradeep Agrawal

Member

Shri Sanjay Agrawal

Member

Shri Sureshkumar Lohiya

Member

Shri Devendra Sahu

BOARD OF MANAGEMENT

BOARD OF MANAGEMENT (Under para 8 of the scheme of Autonomous College under XII Plan)

Sr. No.	Provision	Name	Designation
1	5 Member of Management	Shri Banwarilal Purohit	Chairman
2		Shri Chandrakantbhai Thakar	Member
3		Shri Govindlal Agarwal	Member
4		Shri Rajendra Purohit	Member
5		Shri Shyamsundar Rathi	Member
6	Two teachers of the College nominated by the principal based on seniority	Prof. J. S. Joshi	Member
7		Dr. Neeta Shah	Member
8	Educationalist or Industrialist	Shri Satyanarayan Nuwal, Industrialist, Solar Industries India Ltd. (SIIL), Plot No. 14, Kachimet, Amravati Road, Nagpur-440023	Member
9	One nominee of the University Grants Commission	Dr. Avichal Kapoor, Joint Secretary, University Grants Commission, Bahadurshah Zafar Marg, New Delhi-110002.	Member
10	One nominee of the State Govt.	Request has been made to the Principal Secretary; Higher & Technical Education Dept. Government of Maharashtra vide letter No. RCOEM/P/2019/67783 dated 22.04.2019	Member
11	One Nominee of the University (RTMNU)	Dr. M. B. Kumthekar, Principal, GCOE, Sector 27, Mihan, Rehabilitation Colony, New Khapri, Nagpur 441 108	Member
12	Nominee of All India Council I for Technical Education, Regional Officer (Ex-Officio)	Western Regional Officer, AICTE, W.R.O., Mumbai	Member
13	Principal -Member Secretary	Dr. R. S. Pande	Member Secretary

COLLEGE DEVELOPMENT COMMITTEE

It is notified for general information that the College Development Committee u/s 97(1) of Maharashtra Public Universities Act 2016 is declared constituted w.e.f. 27.03.2018 for a period of five years. (27.03.2018 TO 26.03.2023)

Sr. No.	Provision	Name & Address	Designation
1	Chairperson of the Management or his nominee ex-officio	Shri Banwarilal Purohit	Chairperson
2	Secretary of the Management or his nominee	Shri Govindlal Agarwal	Member
3*	One Head of Department, to be nominated by the Principal or the Head of the Institution	Dr. D. S. Adane, Head, Deptt. of Information Technology	Member
4*	Three Teachers in the College or recognized institution, elected by the full-time amongst themselves out of whom at least one shall be woman	Dr. A. J. Agrawal	Member
		Prof. M. S. Tiwari	Member
		Dr. Richa Khandelwal	Member
5*	One non-teaching employee, elected by regular non-teaching staff from amongst themselves	Shri R. A. Sharma	Member
6*	Four local members, nominated by the Management in consultation with the principal from the fields of education, industry, research and social service of whom at least one shall be alumnus	Shri Rajendra Purohit	Member
		Adv. Pradip Agrawal	Member
		Ms. Sangita Prashant Rajankar, Associate Scientist, MRSA Centre, VNIT Campus, S.A. Road, Nagpur	Member
		Shri Shyamsunder Rathi	Member
7	Coordinator, Internal Quality Assurance Committee of the College	Dr. M. A. Hasamnis	Member
8	President and Secretary of the College Students' Council	Mr. Yash Vinay Khandelwal, 4th yr. (EC)	Member
9	Principal of the College or Head of the Institution	Dr. R. S. Pande	Member Secretary

Sr. No.	Category	Name	Designation
1	Principal	Dr. Rajesh S. Pande	Chairman
2	One Member from Management	Shri Govindlal Agarwal General Secretary Shri Ramdeobaba College of Engineering and Management, Nagpur	Member
3	Teachers to represent all level	Dr. S. D. Mohgaonkar Dean, Second Shift	Member
4		Dr. V. S. Deshpande Professor, Industrial Engineering	Member
5		Dr. K. N. Agrawal Professor, Mechanical Engineering	Member
6		Dr. M. B. Chandak HOD Computer Science and Engineering	Member
7		Dr. Avinash J. Agrawal, Dean Academics	Member
8		Dr. Padma Adane Management Representative, ISO	Member
9		Dr. Pallavi K. Parlewar, NAAC Coordinator	Member
10		Prof. Aarti Karandikar Assistant Professor, Computer Science and Engineering	Member
11	Few Senior Administrative Officers	Dr. A. A. Agashe Controller of Examination	Member
12		Dr. Preeti S. Voditel Professor Incharge, MIS	Member
13		Dr. Y. M. Sonkhaskar, Dean SRC	Member
14		Prof. Nikhil Damle, Registrar	Member
15		Mr. B. B. Paliwal, Finance Officer	Member
16	One nominee each from Local society, Students and Alumni	Dr. Rajendra M. Patrikar Professor, VNIT, Nagpur	Member
17		Mr. Rakshit Bhagwat Kathwate VIII Sem, CSE	Member
18		Ms. Varsha Yadav, IV Sem, MBA	Member
19		Mr. Vishvesh Agrawal, Entrepreneur	Member
20	One nominee each from Employers/ Industrialists/ Stakeholders	Mr. Ajay Yawalkar Delivery Lead, TCS, Nagpur	Member
21		Mr. Nitin Sudame Executive Director, Spacewood, Nagpur	Member
22		Mr. Mukul Verma	Member

		Plant Head - JSW, Nagpur	
23		Dr. Priya Wanjari Principal, Santaji Mahavidyalaya, Nagpur	Member
24	One Senior Teacher	Dr. (Mrs.) Meghana A. Hasamnis Professor, Electronics Engineering	Coordinator

FINANCE COMMITTEE (AUTONOMY)

Sr.No.	Name	Designation
1	Dr. R. S. Pande	Chairman
2	Shri Ashokkumar Pacheriwala	Member
3	Dr. S.D. Mohgaonkar	Member
4	Finance & Accounts Officer, RTMNU, Nagpur	Member
5	Shri B. B. Paliwal	Finance Officer

STAFF SELECTION COMMITTEE

Sr.No.	Name	Designation
1	Shri Banwarilalji Purohit	Chairman
2	Shri Chandrakantbhai Thakar	Member
3	Shri Satyanaraya Nuwal	Member
4	Shri Govindlal Agarwal	Member
5	Dr. Rajesh Pande, Principal	Member Secretary
6	Shri Rajendra Purohit	Member

STEERING COMMITTEE

Sr.No.	Name	Designation
1	Shri Shyamsunder Rathi	Chairman
2	Shri Satyanarayan Nuwal	Member
3	Shri Govindlal Agarwal	Member
4	Shri Ashokkumar Pacheriwala	Member
5	Shri Rajendra Purohit	Member
6	Adv Pradeep Agrawal	Member

ACADEMIC COUNCIL

Sr. No.	Category	Name	Designation
1	Principal	Dr. R. S. Pande	Chairman
2	Heads of Department	Dr. Dr. P. D. Pachpor, H.O.D., Civil Engineering	Member
3		Dr. V. S. Deshpande, H.O.D., Industrial Engineering	Member

4		Prof. V. T. Barhate, H.O.D., Electrical Engineering	Member
5		Dr. (Mrs.) A. A. Khurshid, H.O.D., Electronics Engineering & EDT	Member
6		Dr. R. B. Raut, H.O.D., Electronics & Communication Engineering	Member
7		Dr. M. B. Chandak, H.O.D., Computer Science & Engineering	Member
8		Dr. D. S. Adane, H.O.D., Information Technology	Member
9		Dr. M. M. Gupta, H.O.D., Mechanical Engineering	Member
10		Dr. (Mrs.) P. S. Voditel, H.O.D., Computer Applications (MCA)	Member
11		Dr. C. R. Vichoray, H.O.D., Management Technology (MBA)	Member
12		Dr. S. M. Pande, H.O.D., Physics	Member
13		Dr. A. V. Bharti, H.O.D., Chemistry	Member
14		Dr. S. D. Mohgaonkar, H.O.D., Mathematics	Member
15		Dr. (Mrs) D. R. Mehra, H.O.D., Humanities	Member
16		Dr. Amit Anurag, H.O.D., Physical Education	Member
17	Four senior teachers by rotation	Dr. M. S. Kadu, Professor in Civil Engineering	Member
18		Dr. K. N. Agrawal, Professor in Mechanical Engineering	Member
19		Dr. M. A. Hasamnis, Professor in Electronics Engineering	Member
20		Dr. A. A. Agashe, Associate Professor, MBA and C.O.E.	Member
21	Four experts nominated by Board of Management from outside college	Dr. P. M. Khodke, Central Project Advisor, National Project Implementation Unit, Noida UP.	Member
22		Dr. B. N. Chaudhari, Dy. Director & Professor of Electrical Engineering, College of Engineering Pune	Member
23		Dr. Dilip R. Peshwe, Professor, Dept. of Metallurgical & Materials Engineering, V.N.I.T., Nagpur	Member
24		Mr. Shekhar Patankar Delivery Head, Persistent Systems Ltd. Nagpur	Member
25	Three nominees of the R. T. M. Nagpur University	Dr. M. D. Choudhary, Professor, Bapurao Deshmukh College of Engineering, Sewagram, Wardha	Member
26		Dr. C. C. Handa, Professor, K.D.K. College of Engineering, Nagpur	Member
27		Dr. Shekhar Bhole, CEO, Meghe Group of Institutions (Y.C.C.E.), Nagpur	Member
28	Faculty member nominated by Principal	Dr. A. J. Agrawal, Dean Academics	Member Secretary

EXAMINATION COMMITTEE

Sr. No.	Provision	Name	Designation
1.	The Principal	Dr. R. S. Pande	Chairman
2.	Three Regular Senior Faculty Members of the institute possessing teaching/research experience of more than Ten years	Dr. S. D. Mohagaokar	Member
		Dr. T. G. Arora	Member
		Prof. (Mrs.) Poorvi Joshi	Member
3.	One Evaluation Expert nominated by the principal	Dr. S. S. Dambhare	Member

4.	Controller of Examination, Sr. faculty member of Shri Ramdeobaba College of Engineering and Management	Dr. Abhijeet Agashe	Member Secretary

COLLEGE GRIEVANCE REDRESSAL CELL (CGRC)

(As per Para 5(3) of Uniform Statute 5 of 2019 of university)

Sr.No.	Name	Designation	Address
01	Dr. R. S. Pande, Principal	Chairperson	Shri Ramdeobaba College of Engineering and Management, Gittikhadan, Katol Road, Nagpur - 4400 013
02	Prof. (Mrs.) Poorvi K. Joshi, Deptt. of Electronics Engg.	Member	Shri Ramdeobaba College of Engineering and Management, Gittikhadan, Katol Road, Nagpur - 4400 013
03	Dr. Y. M. Sonkhaskar, Deptt. of Mechanical Engg., Dean SRC	Member	Shri Ramdeobaba College of Engineering and Management, Gittikhadan, Katol Road, Nagpur - 4400 013

COMMITTEE FOR SC AND ST (PREVENTION OF ATROCITIES) ACT 1989

Sr.No.	Name	Designation
1	Dr. Rajesh Pande	Principal-Chairman
2	Dr. S.B. Bodkhe	Member
3	Dr. (Mrs) Pallavi Parlewar	Member
4	Prof. Rajesh Khobragade	Member
5	Prof. E. M. Gonnade	Member Secretary

DISCIPLINARY COMMITTEE

Sr. No.	Name	Department	Position	Contact No.
1	Dr. T. G. Arora	Electrical Engineering	Chairperson	9403208803
2	Dr. K. N. Agrawal	Mechanical Engineering	Advisor	9373103536
3	Dr. C. P. Pandhurnekar	Applied Chemistry	Member	9420254823
4	Dr. Y. M. Sonkhaskar	Dean SRC	Member	9423429641
5	Prof. S. R. Kulkarni	Warden, Boys' Hostel	Member	9049300099
6	Prof. (Mrs.) G. Morankar	Warden, Girls' Hostel	Member	8888135834

Sr. No.	Category	Name
1	Head of the Institution	Dr. R. S. Pande
2	Civil	Adv. Pradeep Agrawal
3	Police Administration	The Police Inspector, Gittikhadan Police Station, Nagpur
4	Local Media	Shri Vikas Vaidya, The Hitavada, Nagpur
5	NGO	Mrs. Deepali Kale, Chairperson, Scrutiny Committee of Child Adoption
6	Faculty Members	Prof. N. M. Deshkar, Student Counselor
		Dr. Y. M. Sonkhaskar, Dean SRC
		Dr. (Mrs.) Jayu Kalambe, Chairperson, Internal Complaint Committee
		Dr. C. P. Pandhurnekar, In-charge Campus Discipline
7	Parents	Shri Chandrashekhar Hardas, Father of Mr. Akhilesh Hardas, BE 2nd Year Civil
		Shri. Hariom Agrawal, Father of Ms. Vidhi Agrawal, BE 3rd Year Civil
8	Students	Mr. Shantanu Awachat, BE 2nd Year Industrial
		Ms. Mrudani Deosthali, BE 2nd Year Civil

Contact Details

Name of Committee Member	Mobile Number	e-mail id
Prof. N. M. Deshkar	9850395303	deshkarnm@rknec.edu
Dr. Y. M. Sonkhaskar	9423429641	sonkhaskarym@rknec.edu
Dr. (Mrs.) Jayu Kalambe	9822360944	kalambej@rknec.edu
Dr. C. P. Pandhurnekar	9420254823	pandhurnekarcp@rknec.edu

INTERNAL COMPLAINT COMMITTEE FOR GENDER SENSITIZATION

Prevention, Prohibition and Redressal of sexual harassment of women employees and students in higher educational institutions

(As per provisions of para-4 of UGC Regulation. 2015)

RCOEM has zero tolerance policy against sexual harassment and is committed to uphold the Constitutional mandate to combat sexual harassment. It strongly supports gender equality and opposes any form of gender discrimination, sexual harassment and gender violence. As per the provisions of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013, an Internal Complaints Committee (ICC) has been constituted to act as Inquiry Authority on a compliant of sexual harassment and to take proactive measures towards sensitization of the students, staff and faculty members on gender issues.

1	Presiding Officer	Dr. Jayu Kalambe, Associate Professor, Electronics Engineering Department.
2	Faculty Members	1. Prof. N. M. Deshkar, Associate Professor, Electrical Engineering Department. 2.Prof. Mrs. Prachi Saoji, Asst. Professor, Dept. of Mathematics
3	Non-Teaching Employees	1. Smt. Pramila Bhange, Laboratory Attendant, Electrical Engineering 2. Shri Rajendra Takit, Laboratory Attendant, Electronics Engineering
4	Students	**Undergraduate** Ms. Mahima Rana, VII Sem, Electronics Engineering. **Post Graduate** Ms. Priyanka Pande, III Sem M.Tech. (VLSI Design) **Research Scholar** Ms. Arti Buche, Computer Science & Engineering.
5	External Member	Ms. Dipali Kale,Managing Director Jaika Insurance Brokerage Pvt Ltd, Nagpur

WOMEN EMPOWERMENT CELL

A Women Empowerment Cell is constituted to empower the women at all levels in the institute. Following members are nominated for the cell:

Sr.No.	Name	Designation
1	Dr. Sunita N. Dhote	Chairperson- Women Empowerment Cell (Faculty-DMT)
2	Dr. Deepshikha Mehra	Member(Humanities)
3	Prof. Gauri Morankar	Member(EN)
4	Prof. Aparna Gurjar	Member(MCA)
5	Mrs. Ujjawala Janephalkar	Non-Teaching Member Representative(Administration)
6	Ms. Linki Parasnani	Students Incharge(MBA Final year)

MEDIA EXPRESSION COMMITTEE

Sr.No.	Name	Department
1	Dr. Vandana Gandhi, DMT	Incharge
2	Dr. Cynita Christy, Librarian	Member
3	Dr. Piyush Khadke, EE	Member
4	Prof. Vikas Gupta, EN	Member
5	Prof. Jignyasa Sanghavi, CS	Member
6	Prof. Vishnu Vardhan, MCA	Website Cell Incharge

7	Prof. Puja Agrawal, EC	Website Data Management

STUDENTS' WELFARE AND COUNSELING CELL

Sr.No	Name	Department
1	Prof. N.M.Deshkar **(Coordinator)**	Electrical Engineering
2	Dr.(Mrs.) Rashmi Shahu	Industrial Engineering
3	Dr.(Mrs.) Ruchi Sao	Management Technology
4	Dr. (Mrs.) Monika Seth	Humanities
5	Akanksha Deshpande	Humanities

HOSTEL ADVISORY COMMITTEE

Sr.No.	Name	Department	
1	Dr. K.N. Agrawal	Mechanical Engg.	Chairman
2	Dr. Amit Anurag	Physical Education	Member
3	Dr. Mrs. Jayu Kalambe	Electronics Engg.	Member

STUDENTS GRIEVANCE REDRESSAL COMMITTEE (SGRC)

Sr. No.	Name	Designation
1	Dr. R. S. Pande, Principal	Chairperson
2	Dr. Sanjay B. Bodkhe	Member
3	Dr. Sanjay B. Pokle	Member
4	Dr. Mrs. Neeta Shah	Member
5	Mr. Ankush Agrawal, BE -III Industrial	Member (Student)
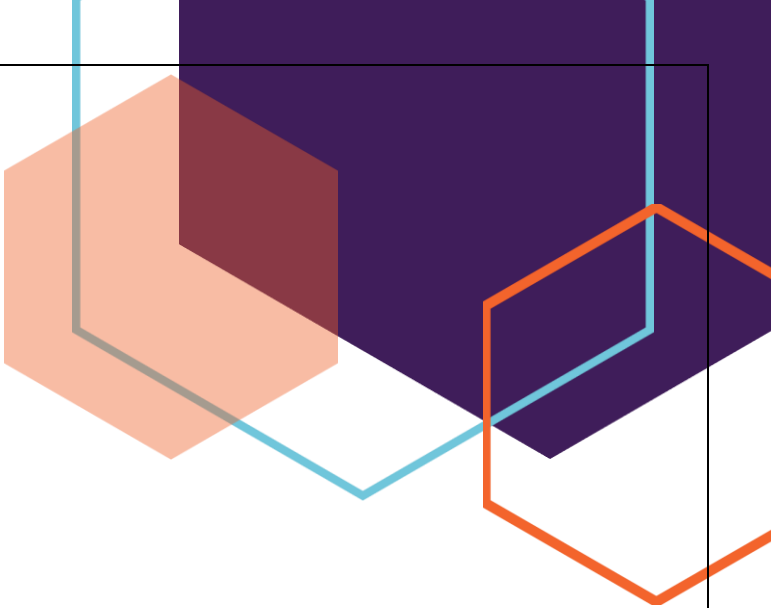
HIGHLIGHTS OF 2019-20

➢ **International Conferences:**

Four International and One National Conferences were organized in the Institution in collaboration with global partners:

1. **RICESS – 2019:** International Conference on Recent Issues in Civil Engineering and its Sustainable Solutions (RICESS - 2019) organized by Department of Civil Engineering, RCOEM, Nagpur in association with Center for Research & Sustainable Development, Rajasthan (India), The Institution of Engineers (I), Nagpur and Indian Water Works Association.

2. **PEDEPS - 2019:** International Conference on Power Electronics, Drives, Energy & Power System (PEDEPS - 2019) organized by Department of Electrical Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur

3. **ICESC-2020:** International Conference on Electronic Systems, Signal Processing and Computing Technologies was organized by Department of Electronics & Communication Engineering, RCOEMorganized by Department of Electronics and Communication, RCOEM, Nagpur in association with University of District of Columbia, Washington DC, USA with BSNL, Nagpur & AirTelwere knowledge partner, IEEE Bombay Section as Technical sponsorer and Helix International Journal as publication partner.

4. National Conference & Expo on "Advances in Mining and Geotechnical Engineering - **GEOMINE-2019**", 14-16 Oct 2019 organized by Department of Civil Engineering.

RICESS – 2019
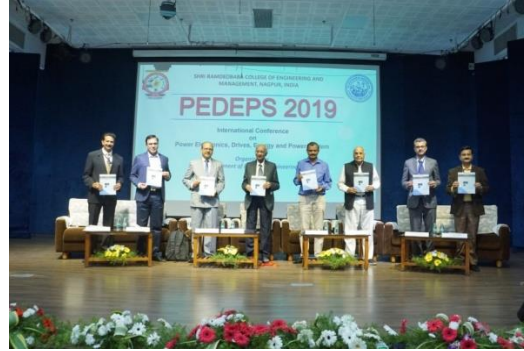
PEDEPS – 2019

ICESC-2020

RCOEM DELIVERS ON ALL FRONTS AMIDST LOCK DOWN

Shri Ramdeobaba College of Engineering and Management, Nagpur, has always been a front runner when it comes to safe-guarding the interests of the students. The Institute has been in Lock down mode since the beginning of the third week of March 2020 yet the entire team has been fulfilling its responsibility towards all the stakeholders. At this critical juncture, it is important that everyone is positively and creatively engaged and the Management of RCOEM understands this very well. The faculty members have been in constant touch with the students and keeping them motivated so that they are constructively and creatively engaged.

Academics

· Academic Sessions were completed using various online tools such Google classroom, Microsoft Team etc.

· Recorded Video Lectures were shared and Extra doubt clearing sessions were conducted.

· Online Reading Materials were provided to every student for better understanding of the concepts.

Assessments and Assignments

Easy-design objective and subjective assessment patterns were shared across online platforms for students to understand and apply
Their learning. Project Presentations, Viva voce, Lab submissions, internship seminars, tests and quizzes were all conducted and completed using online tools like google classroom.

Beyond the Classrooms

Students took part in all online academic activities in spite of technical challenges. State of the Art Media Centre of the Institute was used to reach out to the students and in preparation of the lectures, presentations and videos. RCOEM has registered membership of 'Coursera for Campus' which is available globally, and offers a wide variety of professional courses.

Around 1000 students registered through the institute and learned various courses through the platform like EDX, Coursera and Swayam. The institute has been actively running a local chapter of NPTEL since July 2018, which is an AICTE initiative to promote online learning. 381 students and about 130 faculties have already successfully completed various courses using this platform. 340 students and 85 faculties have registered for 125 courses in NPTEL platform for Jan-Apr 2020 NPTEL Examination. Students and Faculty of First year BE have registered themselves on M-Tutor, an online mobile platform that provides video lectures of all courses of First year BE as per AICTE. ELIS (Enhancement in Learning with Improvement in Skills), designed by AICTE was launched on 12th April 2020 to help students enhance learning and build valuable skill sets required in the work environment. The Institute has also subscribed to Online resources like e-books,e-journals & e-databases such as Prowess, Knimbus, and SCOPUS to make books, research papers from reputed journals, old question papers, model answer sets etc. accessible from home.

Research and Development

Forty-four papers were submitted in reputed journals indexed in SCI/Scopus/WoS and in the recent past 56 papers were published/ accepted for publication. 60 faculty members are working on their research papers, 7 patents have been drafted and 14 are being worked. RCOEM submitted a project proposal on "Detection and Elimination of artifacts in MRI for ease of diagnosis to the radiologist "to SERB, Govt. of India, under the METRICS scheme. The ongoing research projects in

RCOEM include Water quality monitoring of large water bodies and Performance Evaluation of Pradhan Mantri Mudra Yojana (PMMY), An Empirical Study of Beneficiaries of Nagpur District.

Training and Placement Cell

The T&P Cell organized a rigorous online test series of fifteen tests for all pre final year students. A special 66 hours of online training on Aptitude , reasoning, verbal, nonverbal patterns of questions, as well as on technical topics like C, C++ and basics of programming were conducted. A two-fold webinar was conducted to inform students about their joining dates by various companies and bridge the gap between company mentors and students; presently undergoing Internships. The Institute has collaborated with the Government of

Maharashtra & PWC as part of its FinTech Education Initiative– UDAY. The platform provides insightful online courses co created by industry and academia, and a channel for potential jobs on certification. The Institute is hosting the WileyNXT –Hiring Program that includes hiring for the world's top global banks including Morgan Stanley, Bank of America, Wells Fargo, Nomura, etc. With a package of around 7 to 11 LPA. Online Internships are planned and the possibility of virtual joining of final year students is explored with all IT companies. RCOEM has taken a paid subscription of FOSS IIT, Bombay Spoken Tutorial, for all the students (UG & PG). The Spoken Tutorial project is the initiative of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India.

Technology and Business Incubation Cell

The TBI has organized various webinars and online sessions and networked with alumni to provide momentum to incubation and startup activities. Students take active part in Smart IndiaHackathon2020underHardware Category. III Cell & RCOEM TBI has prepared a proposal for ministry of MSME where the Institute will provide "Design Expertise to Manufacturing MSME Sector" Under Credit Linked Capital Subsidy –Technology Upgradation Scheme (CLSC-TUS).
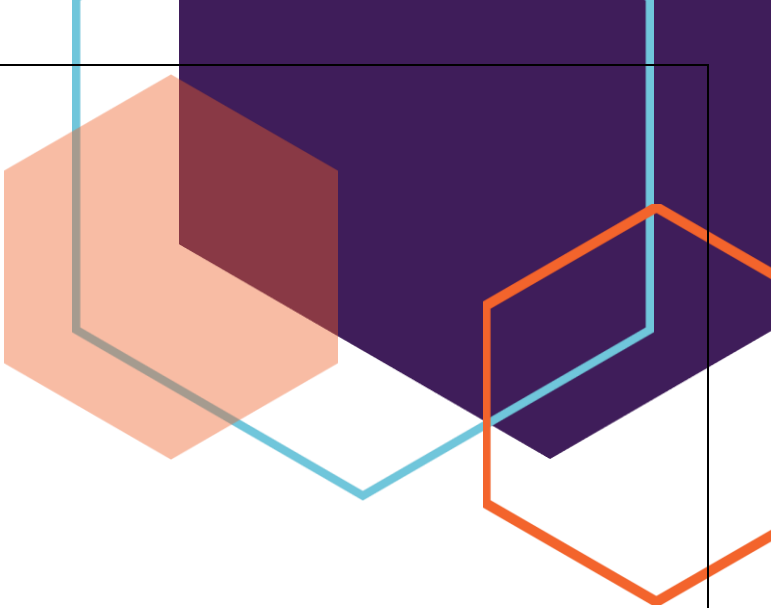
Social Responsibility

The Institute has distributed more than 1500 ration kits (11kgeach) to the needy through NMC and 9 distribution centers across Nagpur. The Institute has also donated 800 Personal Protection kits to the Traffic Police Department and 1200 safety kits to all its

Employees and their family members. Employees of the institute have contributed one day's salary towards the cause ofCOVID-19 Welfare Fund. As a precautionary measure Institute has sanitized the complete campus.

Confluence of Sanskrit and Technology MoU between KKSU and RCOEM

A Memorandum of Understanding (MoU) was recently signed between Shri Ramdeobaba College of Engineering and Management (RCOEM), a leading autonomous educational institution in Central India with Aviculture Kalidas Sanskrit University (KKSU), Ramtek, and a lone Sanskrit University in Maharashtra. The agreement is intended to combine ancient Sanskrit literature with modern science and technology. The MoU was exchanged in between Acharya Shrinivas Varakhedi, Vice Chancellor, Kavikulguru Kalidas Sanskrit University and Prof. Nikhil Damle, Registrar, RCOEM. Forth last three years, the Ministry of Human Resource Development has started a Non-formal Sanskrit Education center at Shri Ramdeobaba College of Engineering and Management. Through this center, engineering students receive training in Sanskrit language training. By gaining this training the students can explore the precious treasures hidden in Sanskrit literature and ancient literature for the benefit of the society. The agreement was signed through the visionary role of the Vice Chancellor Acharya Shrinivas Varakhedi and the RCOEM Principal Dr. Rajesh Pande. The MoU is expected to further boost the research attitude among faculty members, researchers and students of engineering and Sanskrit. Dr. Vijay Kumar CG, Registrar, KKSU; Dr. Prasad Gokhale, Director, Board of Planning and development, KKSU; Sumit Kathale, Assistant Registrar and Dr. Bhalchandra Hardas, Sanskrit Centre Coordinator, RCOEM were prominently present on the occasion.

ADMISSIONS

ADMISSIONS

PROCESS

Shri Ramdeobaba College of Engineering and Management, Nagpur has a well-defined admission process which is governed by the Directorate of Technical Education, Government of Maharashtra. Out of the total sanctioned intake, 51% seats are reserved for students belonging to Hindi Minority having domicile of Maharashtra, 20% seats are Institute level seats while the remaining 29% seats are under the Centralized Admission Process. The DTE conducts the admission rounds for both the CAP seats and Minority seats while a separate round, on the lines of the DTE, is followed for filling the Institute level seats. All admissions at Shri Ramdeobaba College of Engineering and Management, Nagpur are done strictly on the basis of merit and in a transparent manner.

ELIGIBILITY

The eligibility conditions are clearly defined for different programs. The Institute follows the eligibility criteria prescribed by the DTE. Further details are available on the website www.rknec.edu

MALE FEMALE RATIO

Male Female Ratio - Admission

37% | 63%

Male | Female
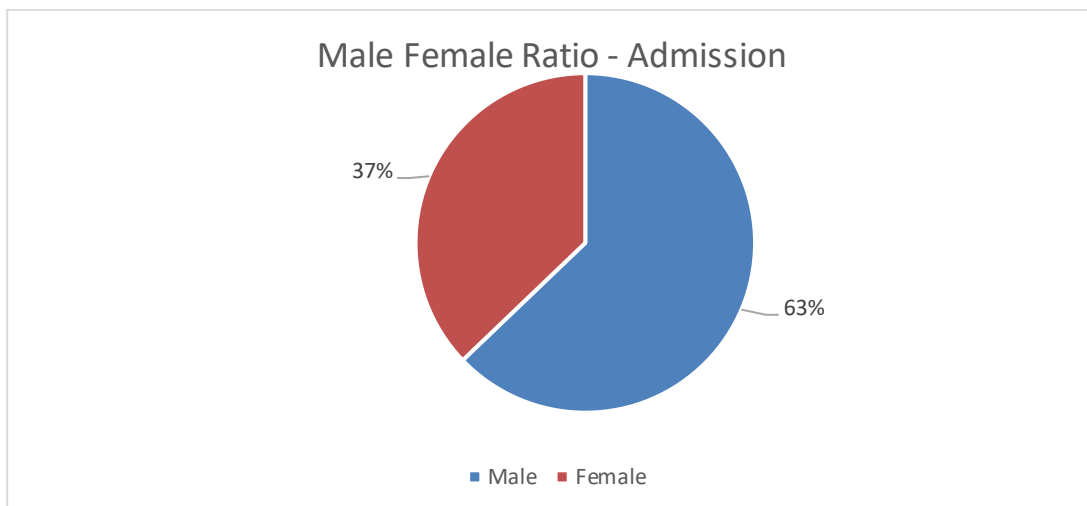
CUT OFFS

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT, NAGPUR

B.E. FIRST YEAR CUT-OFF FOR MANGEMENT QUOTA AND CAP SESSION 2019-20

BRANCH	IL/MQ/CAP ROUNDS	IL-CET		IL-JEE		CAP LM-CET		CAP-CET		CAP-JEE		TFWS	
		OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE
EC	R-1	96.65	95.93	95.8	95.22	95.37	80.43	98.43	96.36	97.43	96.79	98.63	96.13
	VR-2	96.39	95.6	94.45	94.3	95.37	80.42	98.42	96.36	96.7	96.66	98.63	96.66
	VR-3					95.37	80.42	98.42	96.36	96.11	96.05	98.63	96.66
EN	R-1	94.81	89.6	94.18	92.35	85.45	2.26	96.62	92.48	95.51	92.72	96.82	94.84
	VR-2	95.11	91.49	91.87	90.82	88.62	2.26	95.9	91.88	94.78	92.16	96.82	94.83
	VR-3					86.67	2.26	96.16	91.88	94.78	91.66	96.33	94.83
CS	R-1	99.72	98.22	97.93	97.38	98.74	95.87	99.7	98.76	9893	98.81	99.36	99.15
	VR-2	98.73	97.1	97.44	95.92	98.73	95.86	99.75	98.21	98.93	98.72	99.35	99.15
	VR-					98.73	95.78	99.75	98.21	98.49	98.23	99.35	99.15
IND	R-1	91.36	77.87	91.77	90.82	92.46	6.55	92.03	82.16	90.36	90.05	93.57	92.93
	VR-2	77.27	55.64	87.02	86.41	73.42	6.55	92.02	82.16	88.89	88.19	93.52	89.3
	VR-3					80.53	6.55	92.57	82.16	88.9	88.81	93.52	89.3
IT	R-1	97.18	96.86	96.29	96.18	94.65	88.7	98.35	96.66	97.93	97.56	98.58	97.55
	VR-2	96.6	96.28	95.01	94.67	96.13	88.7	98.27	96.72	97.57	97.39	98.64	97.55
	VR-3					96.13	88.7	98.27	96.72	96.79	96.66	98.57	97.55
ELE	R-1	94.9	85.43	91.37	90.64	92.36	14.57	98.07	94.13	94.93	94.6	97.56	96.86
	VR-2	94.26	87.28	92.16	90.89	85.61	14.57	96.27	92.57	93.45	93.19	97.15	96.2
	VR-3					85.61	14.57	96.27	92.57	93.65	93.45	97.15	96.2
EDT	R-1	94.04	85.43	91.12	90.7	59.5	5.89	93.73	88.71	94.77	92.79	91.83	90.96
	VR-2	87.23	83.21	88.28	87.28	88.16	36.3	93.16	87.42	90.45	90.32	94.35	91.83
	VR-3					59.5	17.96	92.84	89.81	90.32	89.37	94.92	91.83
CIV	R-1	91.75	89.97	95.87	90.06	97.18	21.62	97.51	94.91	95.9	97.87	97.99	96.53
	VR-2	91.01	81.43	90.69	89.23	91.45	21.62	97.5	93.34	93.48	93.42	95.83	94.7
	VR-3					97.13	91.62	97.5	92.42	93.42	92.47	96.27	94.74
MECH	R-1	96.98	92.31	95.76	92.4	96.98	46.82	98.16	94.59	97.31	96.22	98.73	97.46
	VR-2	95.94	90.7	93.99	92.46	96.35	46.81	97.66	93.57	97.18	96.21	98.72	97.55
	VR-3					96.35	46.81	97.66	93.57	97.18	96.21	98.72	97.55
EC (SS)	R-1	95.67	95.09	95.01	94.2	80.11	60.24	96.24	94.99	97.02	96.21	0	0
	VR-2	95.83	95.15	93.76	93.65	88.37	60.24	96.66	94.99	97.01	96.5	0	0
	VR-3					88.37	60.27	96.93	94.99	97.01	96.17	0	0
EN (SS)	R-1	89.46	85.81	92.1	91.42	42.36	16.43	95.68	90.69	92.58	92.31	0	0
	VR-2	91.36	89.48	89.76	88.96	55.95	5.11	92.63	89.51	91.89	91.51	0	0
	VR-3					59.86	5.11	93.25	89.51	93.02	91.06	0	0
CS (SS)	R-1	98	97.41	96.9	96.68	95.84	92.76	98.83	97.72	98.32	98.29	0	0
	VR-2	97.1	96.67	95.88	95.62	97.18	93.1	98.83	97.72	98.23	98.15	0	0
	VR-3					91.18	93.1	98.83	97.72	97.37	97.1	0	0
CIV (SS)	R-1	84.93	79.49	92.46	90.42	46.77	3.07	94.46	91.8	95.86	95.84	0	0
	VR-2	76.75	33.84	88.51	87.03	46.77	3.07	94.46	91.36	95.84	93.31	0	0
	VR-3					46.77	3.06	93.28	90	95.84	92.16	0	0

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT, NAGPUR
B.E. SECOND YEAR (AFTER DIPLOMA)/MBA/MCA/MBA(INTEGRATED)/M.TEH
CUT-OFF FOR MANGEMENT QUOTA AND CAP SESSION 2019-20

BRANCH	IL/MQ/CAP ROUNDS	CAP-CET		CAP LM-CET		INSTITUTE LEVEL		ALL INDIA	
		OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE
EC	R-1	88.19	86.85	87.15	86.59	0	0	0	0
	VR-2	88.19	86.85	87.15	73.85	0	0	0	0
	VR-3	88.19	86.85	87.15	73.85	0	0	0	0
EN	R-1	86.3	76.85	81.44	61.94	70.24	70.24	0	0

	VR-2	86.3	76.85	81.44	61.94	0	0	0	0
	VR-3	86.3	76.85	61.94	61.94	0	0	0	0
CS	R-1	95.25	94.75	89.76	86.38	0	0	0	0
	VR-2	95.25	94.75	89.76	86.38	0	0	0	0
	VR-	95.25	94.75	89.76	86.38	0	0	0	0
IND	R-1	91.15	78.79	86.15	72.55	0	0	0	0
	VR-2	91.15	78.79	86.15	72.55	0	0	0	0
	VR-3	91.15	78.79	86.15	72.55	0	0	0	0
IT	R-1	91.43	89.48	84.47	82.48	0	0	0	0
	VR-2	91.43	89.48	84.47	82.48	0	0	0	0
	VR-3	91.43	89.48	84.47	82.48	0	0	0	0
ELE	R-1	92.42	88.45	82.79	70	0	0	0	0
	VR-2	92.42	88.45	82.79	69.7	0	0	0	0
	VR-3	92.42	88.45	82.79	69.7	0	0	0	0
EDT	R-1	83.75	71.59	0	0	0	0	0	0
	VR-2	83.75	71.59	0	0	0	0	0	0
	VR-3	83.75	71.59	81.15	60.44	0	0	0	0
CIV	R-1	95.25	93.55	90.65	86.44	0	0	0	0
	VR-2	95.25	93.55	90.65	80.79	0	0	0	0
	VR-3	95.25	93.55	90.65	80.79	0	0	0	0
MECH	R-1	92.65	90.85	90.95	83.76	0	0	0	0
	VR-2	92.65	90.85	90.95	83.76	0	0	0	0
	VR-3	92.65	90.85	90.95	83.76	0	0	0	0
EC (SS)	R-1	87.29	80.95	84.71	65.94	0	0	0	0
	VR-2	87.29	80.95	84.71	65.94	0	0	0	0
	VR-3	87.29	80.95	84.71	65.94	0	0	0	0
EN (SS)	R-1	79.06	75	69.35	69.35	63.94	93.94	0	0
	VR-2	79.06	73.5	69.35	69.35	0	0	0	0
	VR-3	74.06	72.9	80.18	61.18	0	0	0	0
CS (SS)	R-1	93.1	91.05	86	85.06	0	0	0	0
	VR-2	93.1	91.05	86	85.06	0	0	0	0
	VR-3	93.1	91.05	86	85.06	0	0	0	0
CIV (SS)	R-1	92.15	90.3	84	78.24	0	0	0	0
	VR-2	92.15	90.3	84	73.39	0	0	0	0
	VR-3	92.15	90.3	84	73.29	0	0	0	0
FIRST YEAR M.B.A.									

BRANCH	IL/MQ/CAP ROUNDS	CAP-CET OPEN	CAP-CET CLOSE	CAP LM-CET OPEN	CAP LM-CET CLOSE	INSTITUTE LEVEL OPEN	INSTITUTE LEVEL CLOSE	ALL INDIA OPEN	ALL INDIA CLOSE
M.B.A. FS	R-1	116	93	92	61	91.54	82.74	94.49	91.54
	VR-2	116	90	120	58	98.61	82.33	94.49	92.84
	VR-3	120	89	91	58			94.49	91.54
M.B.A. SS	R-1	116	88	88	54	89.64	75.66	92.84	92
	VR-2	100	85	88	54	85.76	81.6	96.88	91.24
	VR-3	100	85	88	54			96.88	91.24

FIRST YEAR M.C.A. &DIRECT SECOND YEAR M.C.A.(LATERAL ENTRY)

BRANCH	IL/MQ/CAP ROUNDS	CAP-CET OPEN	CAP-CET CLOSE	CAP LM-CET OPEN	CAP LM-CET CLOSE	INSTITUTE LEVEL OPEN	INSTITUTE LEVEL CLOSE	ALL INDIA OPEN	ALL INDIA CLOSE
I YR. M.C.A. FS	R-1	88	38	74	55	57	5	86	47
	VR-2	88	35	74	55			48	13
	VR-3	88	26	74	55			86	48
I YR M.C.A. SS	R-1	80	30	0	0	75	5	47	38
	VR-2	80	34	0	0			47	47
	VR-3	80						79	47
DSE M.C.A. FS	R-1	129	60	104	23	0	0	0	0
	VR-2	129	59	64	23	0	0	0	0
	VR-3	129				0	0	0	0
DSE M.C.A. SS	R-1	94	47	29	29	0	0	0	0
	VR-2	94	42	29	29	0	0	0	0
	VR-3	94	42	29	29	0	0	0	0

FIRST YEAR M.B.A.(INTERATED)

BRANCH	IL/MQ/CAP ROUNDS	SCIENCE OPEN	SCIENCE CLOSE	COMMERCE OPEN	COMMERCE CLOSE	ARTS OPEN	ARTS CLOSE	GENERAL OPEN	GENERAL CLOSE
MBA (INTEGRATED)	R-1	G-88.6 LM-87.8	G-61.69 LM-60.8	G-92.77 LM-89.3	G-71.6 LM-65.6	60.46	60.46	0	0

FIRST YEAR M.TECH (ALL)

BRANCH	IL/MQ/CAP ROUNDS	CAP-CET OPEN	CAP-CET CLOSE	CAP LM-CET OPEN	CAP LM-CET CLOSE	INSTITUTE LEVEL OPEN	INSTITUTE LEVEL CLOSE	ALL INDIA OPEN	ALL INDIA CLOSE
VLSI	R-1	373	16.33	18.33	18.33	15.67	3.33	0	0
	VR-2	373	7.67	18.33	18.33			0	0
	VR-3	18.67	7.67	18.33	18.33			0	0
CSE	R-1	467	15.67	17.33	1.33	15.67	4.67	0	0
	VR-2	18.33	10.67	17.33	1.33			0	0
	VR-3	18.33	8	17.33	1.33			0	0
PEPS	R-1	414	30.33	0	0	8.33	2.33	0	0
	VR-2	397	29.33	0	0			0	0
	VR-3	397	30.33	0	0			0	0
STRU.	R-1	378	239	23.11	0.81	24.23	13.08	0	0
	VR-2	352	24.75	23.11	0.81			0	0

Group	Subtype								
	VR-3	352	16.56	23.11	0.81			0	0
IND	R-1	351	277	0	0			0	0
	VR-2	347	4.7	0	0	14.89	4.39	0	0
	VR-3	331	7.7	0	0			0	0
HPE	R-1	15.91	8.78	0	0			0	0
	VR-2	14.22	2.43	0	0	8.31	8.31	0	0
	VR-3	14.22	4.43	0	0			0	0
GEO-TECH	R-1							0	0
	VR-2							0	0
	VR-3							0	0
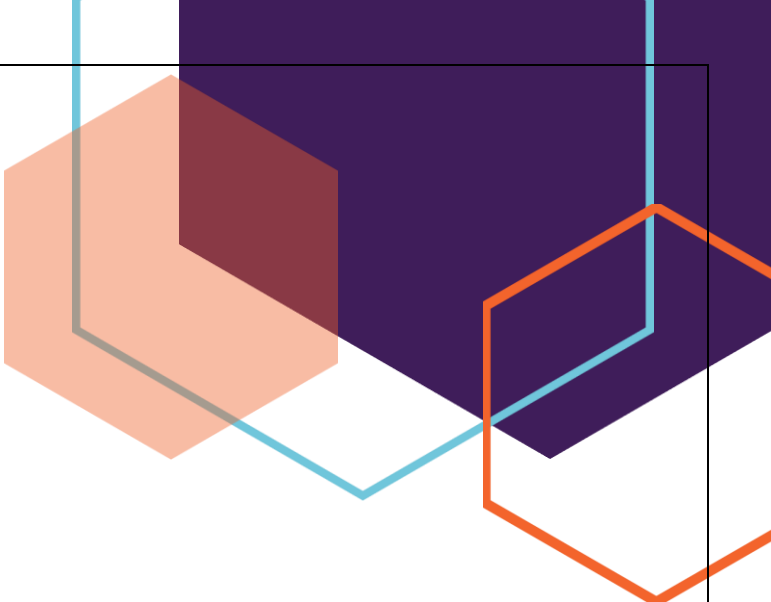
Academics

UNDERGRADUATE PROGRAMMES

RCOEM has taken several initiatives in restructuring and strengthening its academic programmes at undergraduate (UG) and postgraduate (PG) levels over the past year. Following table depicts information regarding various undergraduate programmes successfully offered in the institute in the academic year 2019-20.

Course Name	Sanctioned Intake	Duration	Shift
Civil Engineering	120	Four Years	First & Second Shift
Electrical Engineering	60	Four Years	First Shift
Industrial Engineering	60	Four Years	First Shift
Electronics Engineering	180	Four Years	First & Second Shift
Electronics Design Technology	30	Four Years	First Shift
Electronics and Communication Engineering	120	Four Years	First & Second Shift
Information Technology	60	Four Years	First Shift
Computer Science and Engineering	120	Four Years	First & Second Shift
Mechanical Engineering	60	Four Years	First Shift
Total :	810		

** Apart from the sanctioned intake, provision for extra seats is there for NRI / Foreign nationals, people of Indian origin and Jammu & Kashmir residents. All the above Streams are of four years duration.

POST GRADUATE PROGRAMMES

Various Post graduate programmes are offered at RCOEM. M. Tech (Geotechnical Engineering, Structural Engineering, Industrial Engineering, VLSI Design, Computer Science and Engineering, Power Electronics and Power Systems, Heat Power Engineering), MBA, MCA and MBA Integrated programmes were successfully offered in the institute in the academic year 2019-20:

Course Name	Full/Part	Year of starting	Sanctioned Intake	Duration	Shift
M.Tech. (Geotechnical Engineering)	Part Time	2001	15 seats	2 1/2 Years , (5 Semesters)	
M.Tech. (Structural	Full Time	2007	18 seats	2 years	-

Engineering)					
M.Tech. (Industrial Engg.)	Full Time	2004	18 seats	2 years	-
M.Tech. (VLSI Design)	Full Time	2004	24 seats	2 years	-
M.Tech. (Computer Science and Engineering)	Full Time	2010	24 seats	2 years	-
M.Tech. (Power Electronics & Power System)	Full Time	2011	18 seats	2 years	-
M.Tech. (Heat Power Engineering)	Full Time	2012	24 seats	2 years	-
Master in Computer Applications (MCA)	Full Time	2001	60 seats	3 years	First Shift
	Full Time	2010	60 seats	3 years	Second shift
Master In Business Administration (MBA)	Full Time	2006	60 seats	2 years	First Shift
	Full Time	2010	60 seats	2 years	Second shift
M.B.A. (Integrated)	Full Time		60 seats	5 years	
Total			381 seats		

DOCTORAL PROGRAMMES

RCOEM is known for Doctoral Programmes and following table depicts information regarding various Doctoral Programmes offered in the institute in the academic year 2019-20:

SN	Subject	Department	Sanctioned Intake
1	Civil Engineering	Department of Civil Engineering	10
2	Computer Science & Engineering	Department of Computer Science & Engineering	10
3	Electronics Engineering	Department of Electronics Engineering	10
4	Electrical Engineering	Department of Electrical Engineering	10
5	Mechanical Engineering	Department of Mechanical Engineering	10

SCHOLARSHIP FOR TOP PERFORMERS IN ACADEMICS

To inculcate competitiveness among students, it is decided to provide merit-based scholarships to all excellent performing students of RCOEM. These scholarships would motivate the students to put their best efforts in academics.

1. **Merit based Scholarships:**

   - **Undergraduate Program**: Top 5% of Intake capacity of the branch/shift. For First year student's scholarship would be given based on their performance in entrance test i.e., based on JEE score, 1 scholarship and on MHT-CET score there will be 2 scholarships in each program excluding EDT. For EDT the scholarship distribution will be 1 for JEE and 1 for MHT-CET.

   - **M. Tech Program:** One student for each program.

   - **Master of Business Administration and Master of Computer Application:** Top 5% of Intake capacity shift wise.

   - **Master of Business Administration (Integrated):** Top 5% of Intake capacity of program. 2

   - **Residents of Hostels (Boys/Girls) admitted in UG Program:** Amongst the students residing in the Hostel, the overall topper in First year, second year, Third Year respectively all UG programs put together.

2. **Quantum of merit-based scholarships:**

Sr.	Activities	Performance	Amount
01	Academic Performance of students	Top 5% student in a class i.e. Branch wise/Shift wise	Rs. 10,000/-
		Hostel Toppers (Boys/Girls)	Rs. 10,000/-

3. **Research Scholarship for Students:**

   A regular student of RCOEM who is involved in research & innovation by his/her own or working under research internship under the guidance of a faculty member at college is eligible for this scholarship. Scholarship amount: Rs. 5000/- (Rupees five thousand only) per month with a maximum limit of Rs. 20,000/- (Rupees twenty thousand only) in an academic year. Ten such scholarships are instituted.

4. **Scholarships/Incentives based on performance in activities other than Academics:**

   Criteria:

   a) Achievers in sports

   b) Achievers in cultural/ social activities.

   c) Student of the year.

   d) Top rankers in Competitive exams including GATE, GRE, CAT, NET, GMAT, TOEFL, IELTS. 3 4.1)

   a) **Incentives for achievers in sports**

   Eligibility:-

   - Inter Collegiate: Team Event and Individual Event
   - Inter-University: All India University team/ individual events
   - International: Rs 25,000/- award for both individual and team event for participating at any international event by recognized federation/ sports body/ association.
   - SPORTS PERSON OF THE YEAR/BEST NSS VOLUNTEER

   b) **Incentives for Cultural/ Social Activities**

   c) **Student of the year Incentive Amount:** Cash Prize of Rs 21000 and a citation

   d) **Incentives of Competitive Examinations:** Only one Incentive will be given to one student in one academic year. Incentive Amount: Half the amount of the fees OR Rs. 1000/- whichever is less will be reimbursed to all successful students on submitting the score card of respective examination. These incentives will be provided for all the examinations like GATE/ GRE/ CAT/ GMAT/ NET.

SWAYAM- NPTEL LOCAL Chapter

- Rose to 126th position in the ranking of NPTEL Local Chapters from 147th among all colleges of India.
- 17 Course Toppers certificates achieved (1%, 2% & 5% course topper category).
- 6 Students are invited to visit CSE Dept. IIT, Kanpur.
- 10 Gold category certificates, 47 Silver category certificates, 69 Elite category certificates, 52 successfully completed certificates and 41 FDP Certificates received.
- RCOEM NPTEL Local Chapter is rated as Active Local Chapter.

- Internal Quality Assurance Cells of RCOEM and RTMNU jointly organized 'Awareness Workshop on SWAYAM-NPTEL' during 19th and 20th July 2019 at RCOEM, in association with NPTEL Team, IIT Kanpur.
- A two-days long first of its kind 'Awareness Workshop on SWAYAM' was organized at Shri Ramdeobaba College of Engineering and Management, Nagpur 19th -20th July 2019. The workshop was jointly organized by Internal Quality Assurance Cells of Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur &Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU), Nagpur, in association with NPTEL, Indian Institute of Technology (IIT), Kanpur.

PERFORMANCE IN SWAYAM-NPTEL
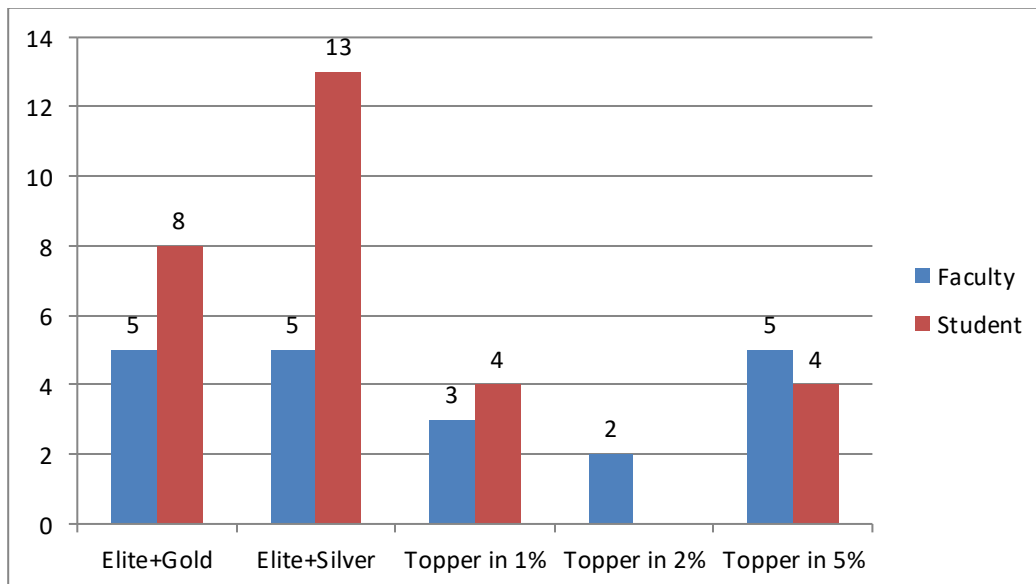
Shri Ramdeobaba College of Engineering and Management, Nagpur got associated with IIT Bombay for Spoken Tutorial IT/Software Training Program initiated by National Mission on Education through ICT, MHRD, and Govt. of India to help to promote IT literacy through Open Source. The Spoken Tutorial project is the initiative of the 'Talk to a Teacher' activity of the National Mission on Education through Information and Communication Technology. The students of Shri Ramdeobaba College of Engineering and Management, Nagpur have enrolled in various FOSS (Free and Open-Source Software) developed and certified by IIT Bombay. Details of students enrolled in various FOSS under Spoken Tutorial IT / Software Training Program during academic session 2018-19. Prof. Prasheel Thakre, Prof. Snehal Laddha, Prof. Ashish Chandak, Prof. Nikhil Bhave, Prof. Jignyasa Sanghvi, Prof. Jitendra Zalke and Prof. Deepak Khushlani made an outstanding contribution for spreading awareness and holding Software Training Workshops at RCOEM. Their contribution was significant in making the Spoken Tutorial Project fastest growing NMEICT Project.

Students enrolled for various courses:

No. of Students

Course	No. of Students
Java	196
Arduino	206
c and c++	927
Latex	272
Advanced...	203
PHP and...	60
Bash	82
GIT	278
Java...	125
Open Foam	80
Scilab	98
Linux	150
Introductio...	76
Python	133
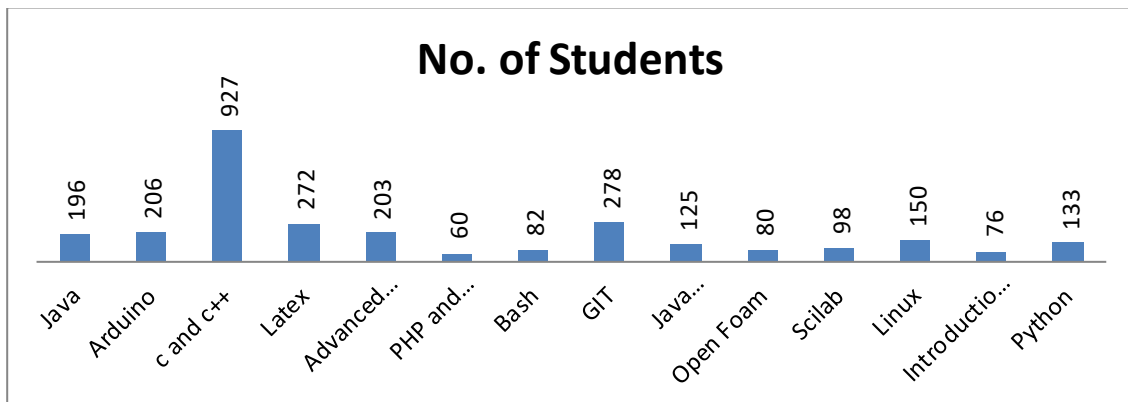
RESEARCH AND DEVELOPMENT

R&D Cell of the college fosters research culture among faculty members and students. It provides all necessary guidance and assistance to students and faculty members for doing research in various areas. It encourages interdisciplinary research and constantly explores the possibility of enhancing research linkages with industry for creation of new knowledge and innovation.

It provides assistance to various departments in organizing workshops, conferences and symposia to promote and foster the research environment on the campus. It facilitates various research activities viz. paper presentations by faculty and students in reputed conferences, publication of research paper in SCI, Scopus and other such reputed indexed journals, preparing and submitting the research proposals to various funding agencies such as DST, SERB, UGC, CSIR, ICSSR, DRDO. It organizes expert lectures and training programs to instill contemporary trends of research in faculty and students.

✓ **Intellectual Property Rights (IPR) Cell**

The IPR cell has been constituted by the institute to guide and help the faculty, staff and students for drafting and filling their applications for patents and copyrights. College has been awarded four patents and 30+ patents are filled. The college has always encouraged the students for innovation and creativity which has resulted into filing of patents by the students.

✓ **Vishveswaraya PhD Scheme for Electronics & IT**

The college has received "Vishveswaraya PhD Scheme for Electronics and IT Scheme" of Ministry of Electronics and Information Technology (MeitY), Government of India. Through this scheme the college is supporting the selected PhD scholars by the way of fellowship another contingency grant.

✓ **FIST Grant @RCOEM**

RCOEM has received funding of Rs. 45.0 Lakhs under the scheme "Fund for Improvement of S&T Infrastructure (FIST-Level 0)" of the Department of Science and Technology (DST), Government of India. The scheme is intended to provide infrastructure and enabling facilities for promoting R&D activities in new and emerging areas of science and technology.

PHD PROGRAM

CATEGORIES FOR PURSUING PHD PROGRAMS

PhD admissions are offered under following categories:

SN	Category
1	PhD (Full-Time) with teaching assistantship
2	PhD (Full-Time) Self Sponsored
3	PhD (Part-Time) Self Sponsored

PH.D. PROGRAMS OFFERED AND SEATS AVAILABILITY

Following departments/program is recognized Research Centers of Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) and offers registration to Degree of Doctor of Philosophy (PhD) of Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU).

SN	Subject	Department	No. of Seats	No of Students Pursuing PhD	No of Seats Vacant
1	Civil Engineering	Department of Civil Engineering	20	1	19
2	Computer Science & Engineering	Department of Computer Science & Engineering	20	8	12
3	Electronics Engineering	Department of Electronics Engineering	20	10	10
4	Electrical Engineering	Department of Electrical Engineering	20	3	17
5	Mechanical Engineering	Department of Mechanical	20	9	11

6	Business Administration and Business Management	Department of Management Technology	20	4	16
		Engineering			

RESEARCH AND DEVEOPMENT POLICY

- Research Incentive Policy
- Conference/Workshop/STTP/FDP Policy
- Internal Funding Policy for Research.
- External Funding Policy for Research & Development
- Academic Research Quality Policy
- Intellectual Property (IP) Policy
- Policy Norms for Pursuing Higher Studies
- Policy on College Affiliation in Publications
- Faculty Recognition Policy
- R&D Performance Assessment System
- Incentives for Publications in Journals

For more details: Refer to the Document @

http://www.rknec.edu/R%20and%20D/Docs/2019/R&D%20Policy.pdf

DETAILS OF RESEARCH PAPER PUBLICATIONS IN 2019-20

- Publication in Journals: 282
- Publications in Conferences: 99
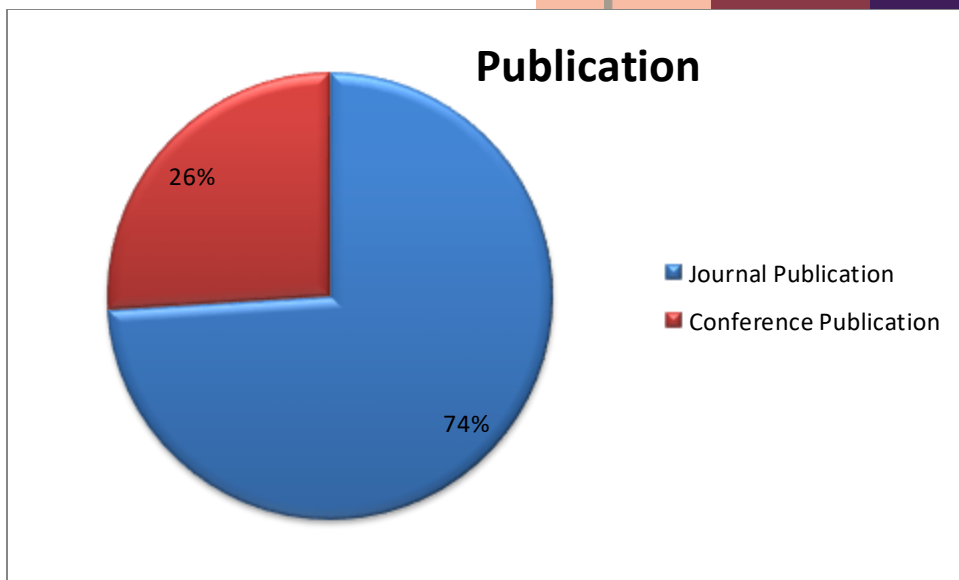
Publication

- No. of Publications in Scopus Indexed journals:141
- No. of Publications in Web of Science (WoS) Indexed journals: 101

Scopus/WoS Publication
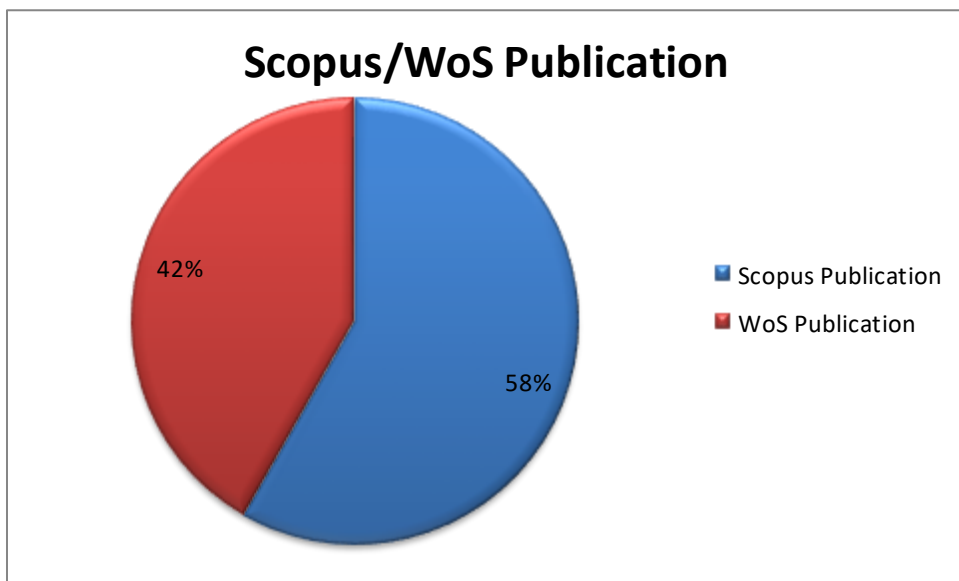
PH.D. PROGRAM DETAILS:

- No. of Ph.D. Awarded in 2019-20: 7
- Total number of scholars pursuing their Ph.D. as on session 2019-20: 39
- The college has received the National Doctoral Fellowship (NDF) scheme of AICTE. Under this scheme, the college admitted **4** Ph.D. Full-Time research scholars in 2019-20

PATENTS AND COPYRIGHTS

Teaching staff members and students of the college are constantly innovating and these innovations are being protected by way of patents and copyrights.

- No. of patents filed during 2019-20: 25
- No. of patents published during 2019-20: 27
- No. of copyrights filed: 54

RESEARCH AWARD CONFERRED IN 2019-20

- Every year college awards Best Researcher Awards to eligible faculty members. In 2019-20 the 'RCOEM – Researcher Award is conferred to Dr. Jayu Kalambe – Associate Professor, Department of Electronics Engineering for her contribution in the field of MEMS SENSORS and Microfluidic.

ACADEMIC INTEGRITY AND PREVENTION OF PLAGIARISM POLICY

- We, at RCOEM, have always adhered to a high level of integrity and ethics in research and development practices. To maintain the highest ethical standards while publication of any research material, the college has formulated and implemented the Academic Integrity and Prevention of Plagiarism Policy.
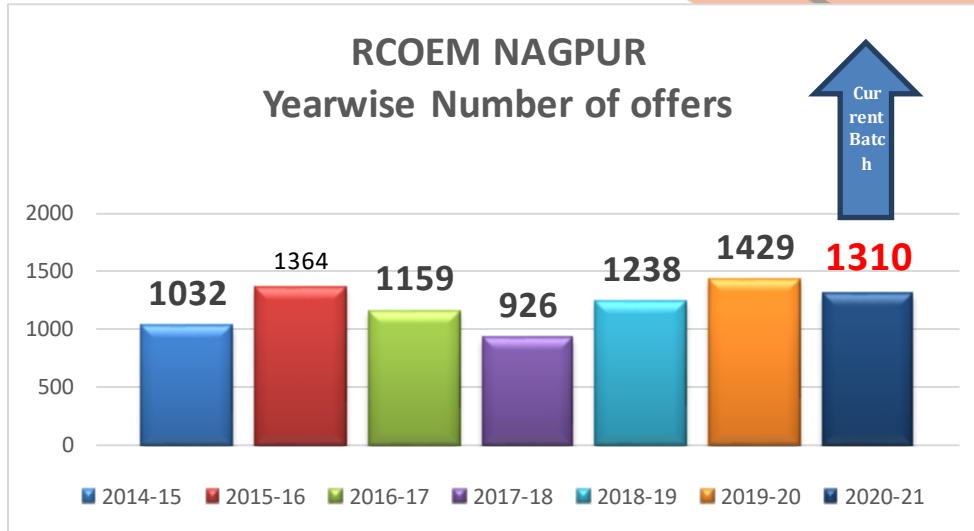
RESEARCH GRANTS 2019-20

Sr. No	Name of the Project	Funding Agency	Principal Investigators	Department	Date of Inception	Duration of the Project / Grant	Funding Amount Sanctioned	Status
1	IMPRESS	Indian Council of Social Science Research	Dr. Vikram K. Joshi	Management technology	2019	1 year	525000	Ongoing
2	PRERANA	All India Council for Technical Education (AICTE)	Dr. Abhijeet Agashe	Management Technology	2019	2 years	650000	Ongoing

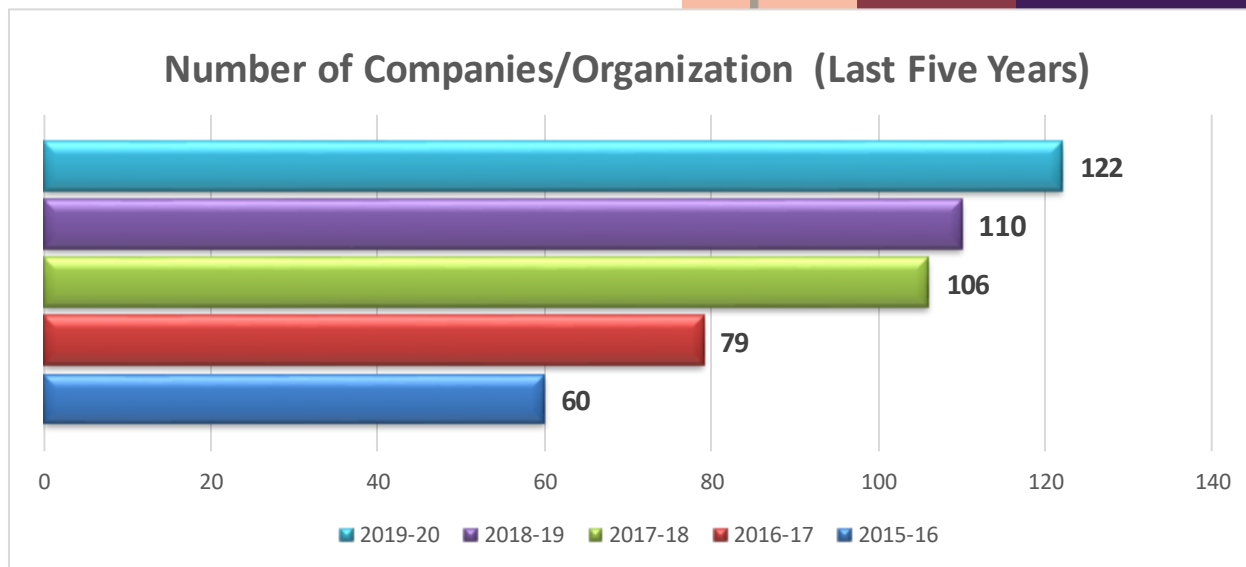|								
3	Computational Linguistics: Techniques and Applications	All India Council for Technical Education (AICTE)	Ms. Madhuri Tayal	Information and Technology	2019	2 Weeks	294000	Ongoing
4	Modernisation and Removal of Obsolescence in Concrete and Building Technology Laboratory (C and BT)	All India Council for Technical Education (AICTE)	Dr. Mahendra Kadu	Civil Engineering	2019	2 years	884800	Ongoing
5	Current Trends in Deep Learning and its Applications	All India Council for Technical Education (AICTE)	Dr. Manoj Chandak	Computer Science and Engineering	2019	2 Weeks	339000	Ongoing
6	Planning and Design of irrigation water network	All India Council for Technical Education (AICTE)	Dr. M .S. Kadu	Civil Engineering	2019	--	3,37,000	Ongoing
7	SME INNOVATION	GIZ, Germany	Prashant Shiwalkar	Industrial Engineering	2019	3 Months	1,92,000	Ongoing

RCOEM NAGPUR
Yearwise Number of offers

Current Batch

Year	Offers
2014-15	1032
2015-16	1364
2016-17	1159
2017-18	926
2018-19	1238
2019-20	1429
2020-21	1310

- 2014-15 - 2015-16 - 2016-17 - 2017-18 - 2018-19 - 2019-20 - 2020-21

Last 5 Year Average Number of Offers

Branch	Average
CIV	60
CSE	253
ELECT	65
E&C	196
EDT	27
EN	230
IND	54
IT	119
MECH	71

Number of Companies/Organization (Last Five Years)

Year	Number
2019-20	122
2018-19	110
2017-18	106
2016-17	79
2015-16	60

Legend: ■ 2019-20 ■ 2018-19 ■ 2017-18 ■ 2016-17 ■ 2015-16

PLACEMENT FOR 2021 BATCH (TILL DEC 2020)

- Total Offers: 1310
- Highest Package – 23 LPA Goldman Sachs, 3 students placed in VMWARE with a package of 19.3 LPA, 3 Selected as Interns.
- **1067** Offers between **3 LPA-5 LPA.**
- **164** Offers between **5 LPA-7 LPA.**
- **68** Offers between **7 LPA-10LPA.**
- **7** Offers of **11 LPA.**
- **3** Offer of **19.3 LPA.**
- **1** Offer of **23 LPA.**

PLACEMENT FOR 2020 BATCH

- Total Number of companies visited: 122
- Total Offers: 1429
- Highest Package – 20 LPA by AMAZON India, 6 students placed in VMWARE with package of 19.3 LPA, 24 students placed in BARCLAYS with the package of 12 LPA

PLACEMENT FOR 2019 BATCH

- Total Number of companies visited: 110
- Total Offers: 1238
- Highest Package – 20 LPA by AMAZON India, 5 students placed in VMWARE with package of 18 LPA

GYANODAYA 2019

Gyanodaya'19-"Education is a lifetime idea that will develop your character"-*Swami Bramhasthanandji*

GYANODAYA 2019, the Induction Program for First Year Engineering & MBA Integrated students. The function was inaugurated by lighting the traditional lamp at the hands of Swami Shri. Bramhasthanandji, President, Ramkrishna Math, Nagpur, Chief Guest for the occasion, Shri Chandrakantbhai Thakar, Vice Chairman, RCOEM, Shri Satyanarayan Nuwal, Vice Chairman & President of the function, Shri Govindlal Agarwal, General Secretary, RCOEM, Shri. Kailash Chandra Agrawal, Secretary RCOEM, Shri Rajendra Purohit, Secretary, RCOEM, Shri Ashok kumar Pacheriwala, Treasurer, RCOEM, Dr. R. S. Pande, Principal, Dr. Y. M. Sonkhaskar, Dean Students' Representative Council (SRC) and Dr. Sanjogta Meshram, In-charge First Year BE.

Swamiji quoted a few teachings by Swami Vivekananda on education and character building and the ability to decide what to take in and discard. He also emphasized on being sincere and truthful in the endeavors one takes. He also threw light upon the importance of real knowledge of working of mankind and character building. "**Education is a lifetime idea that will develop your character**" were his words.

AARUNI-2019

Aaruni 2019, the official fresher's party of the newly admitted first year students marked its beginning on 22nd September 2019. This year's theme was "THE MYSTIC CHAOS". The event went on for a week; the whole week consisted of a plethora of group, class as well as individual activities and competitions.

REPUBLIC DAY - CLUB PERFORMANCES

Music Club

Drama Club

Dance Club

BRANCH CUP

Electronics and Communication Engineering was adjudged as best branch for the year 2019-2020 and received the prestigious "Nityananda" rolling trophy popularly known as the Branch Cup.

CUP	WINNER(10)	1ST RUNNER UP	2ND RUNNER UP
LITERARY CUP	Industrial	Computer Science	Electronics
DRAMA CUP	Electronics	Civil	Electronics and Communication
DANCE CUP	Computer Science Engineering	Electronics	Industrial
MUSIC CUP	Electronics and Communication	Electronics	Computer Science Engineering
TECHNICAL CUP	Computer Science	Electronics and Communication	Electrical
PHOTOGRAPHY CUP	Electronics and Communication	Computer Science Engineering	Industrial

Branch cup

WINNER: Electronics and Communication

1ST RUNNER UP: Computer Science Engineering

2ND RUNNER UP: Electronics

PRATISHRUTI-2020

The Annual Cultural extravaganza 'Pratishruti 2020' was inaugurated with the prestigious Inaugural of the 'Pratishruti 2020' took place in the college premises in the esteemed presence of the chief guest, **Mr. Manish Verma, Technology Head, Sony Pictures** Network India and the event. He told the importance of values, principles, knowledge and extra-curricular activities are as important as any other courses. He also gave the four-point mantra which should be looked upon by any and every individual to shape up a 360-degree personality, the four points being about Intellectual qualities, Curiosities, Attitude, Analytical and Logical Theory. Talking about The Champaran Movement and the civil disobedience act he took us through times when there was no "Google" or technology and how things went. He also congratulated the organizing team while telling the importance of leadership, event management, crowd handling and competitions amongst various life lessons. The event was presided over by Shri. Govindlal Agarwal, General Secretary of

RCOEM. In his presidential address he cited examples from the Vedas and the necessity of music, dance and drama in one's life. He congratulated all the achievers and praised Pratishruti associating it with Youth Power as a Superpower.

Pre-plan goals to become a distinguished personality – Vishal Agrawal

Pratishruti-2020, three day long annual cultural festival of RCOEM concluded with the valedictory function held at the dome in the college premises on 7th February, 2020. The event was graced by Chief Guest and alumnus of RCOEM, **Mr. Vishal Agrawal, Director R C Plasto Tanks and Pipes Pvt. Ltd.**

AWARENESS PROGRAM ON TRAFFIC SAFETY AND RULES:

15 January'20, Nagpur: Driving is a huge responsibility that must be learned in steps and practiced over and over. This message was rightly conveyed to the students by the Nagpur Traffic Police Department Looking at the current scenario, it is the need of the hour to make the students

review, revise and understand road safety and regulations. Shri Fernandez, Asst. PI Traffic addressed the students in a very distinct manner whilst talking about basic traffic rules and personal experiences.

Senior PI Shri Atul Sabnis sir's life lessons were alarming and at the same time awe inspiring. The whole seminar went very smoothly wherein both the police officers explained in a very friendly way, the need to drive safely, obey the traffic laws, and respects the rights of other drivers. Not only should we concentrate on our own driving, but we should also be well aware of the other vehicles around us. Driving safely also includes how and where we park our car. We shouldn't be stressed, tired, or distracted; driving should be our only focus. We need to be both mentally and physically capable of controlling our vehicle. It is our responsibility, as a driver, to know the laws governing driving privileges. Shri Sabnis sir said that students are police but just in different uniforms. They

also told the little but important aspects which most of the people take leniently such as not wearing helmets, letting the ambulance pass and those passengers trust the driver.

NAGPUR: HELMET RALLY

The Traffic Police Department of Nagpur in accordance with The Students' Representative Council had organized a Helmet Rally under the 'Sadak Suraksha Abhiyan 2020' from Shri Ramdeobaba College of Engineering and Management to Children's Traffic Park on Thursday, 16th January, 2020.

The rally was waved off at 10.30 a.m. from Shri Ramdeobaba College of Engineering and Management (RCOEM) at the hands of Dr. S. D. Mohgaonkar, Dean Second Shift and Shri Atul Sabnis, Senior PI traffic dept. Ten Police officers were leading the rally. There were around 70 vehicles out of which 50 of them belonged to the students of SRC and RCOEM and 10 vehicles were driven by the employees of Domino's Pizza. All the riders were wearing helmets. The students sitting behind were holding posters showcasing Traffic Rules and Safety measures. The rally was welcomed at The Children's Traffic Park where PI Fernandez sir thanked everyone for showing support.
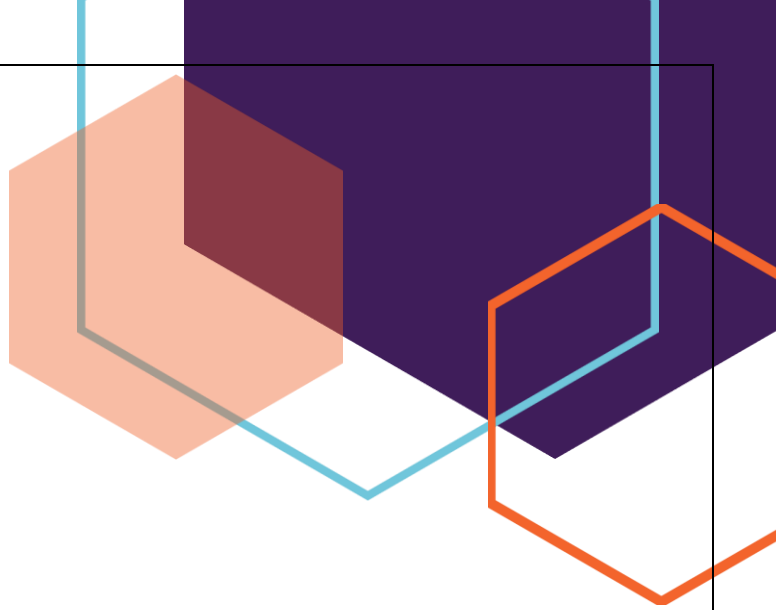
RCOEM TECHNOLOGY BUSINESS INCUBATORS (TBI) FOUNDATION

(Center for Innovation, Entrepreneurship and Incubation)
Promoted by
Shri Ramdeobaba College of Engineering and Management, Nagpur

Supported by

Ministry of MSME, Govt. of India

RCOEM TBI Foundation, a section 8 company registered under section 7 of the Companies Act, 2013 established at RCOEM to give momentum to innovation, entrepreneurship and incubation support related activities. It is a flagship initiative of the institute, intended to build a strong eco-system for nurturing innovation and startups in the region that will drive sustainable economic growth and generate employment opportunities. The Technology Incubation Centre at Shri Ramdeobaba College of Engineering & Management, Nagpur will assist you to realize your dreams as an entrepreneur by taking your ideas from concept to full Commercialization.

Mission:
We endeavor to develop a novel framework for sustainable business ecosystem to promote innovation and nurture entrepreneurship.

Objectives:

- To build a strong eco-system for nurturing innovation and Startups in the region that will drive sustainable economic growth and employment
- New Venture Creation: To inculcate entrepreneurship and new venture creation based on innovative technology.
- Technology Commercialization: to provide a platform for speedy Commercialization of technologies developed in the host institution or industry and R&D institution of the country.
- Interfacing and Networking: to provide networking between academia, industry and financial institution.
- Value Addition: to provide value added services viz. legal, financial, technical, IPR, etc. to incubate.

RCOEM TBI INCUBATION SUPPORT

Physical infrastructure:

- Fully furnished Office Space
- Shared resources: Meeting rooms, Conference rooms
- Office productivity equipment: Fax, Photocopier, Shredder, Scanner, Projector
- Access to Innovation and Design Center and RCOEM Labs Equipment and software tools

Funding Support:

- Pre-incubation Phase: Rs. 3.00 lakhs
- Incubation Phase : As per requirement
- Facilitation for Government funding programs (*Subject to eligibility and selection process.)

MSME HI/BI:

- "Support for Entrepreneurial and Managerial Development of SMEs through Incubators".
- Max Support: Rs. 6.5 lakh.
- Sector: Manufacturing and Process Industries

ASPIRE:

- A Scheme Promoting Innovation, Rural Industry & Entrepreneurship
- Sector: Agriculture and allied
- Max. Support: Rs. 4.0 lakh.

Advisory and coaching:

- Mentoring
- Trainings and workshops
- Free advisory from Experts- legal, CA, IP, CS.

Network:

- Facilitation for business, professionals and expert network
- Facilitation for investors network
- Showcasing opportunities

ECOSYSTEM ADVANTAGE:

- Experiential learning's in incubator
- RCOEM ecosystem- technical resources and interactions, students, library
- Media visibility
- Address for incorporation
- RCOEM -TBI Foundation

Sr. No	Name of the start up	Sector and achievement	Stage of startup	Year of commencement	Contact information of the promoters	Company Details and Progress
1	Testman	Integration of all kinds of Industrial Testing Services	Acceleration	2019	Adwait Wankhede III Sem M.Tech Geotech	Integration of all kinds of Industrial Testing Services for civil engineering (material and geotechnical), food, oil and industrial testing services. 5500 + No. of Tests Conducted; 5 Cities operations , 1200+ Customers Served
2	E-learning Platform	Education	Ideation & Pre incubation Stage	2019-20	Vaibhav D. Barsagade(MCA 2018 Alumni)	Delivery of on-line learning education services

3	Multicolor , Multiple Flashlights	Mobile Applications	Ideation &Pre incubation Stage	2019-20	Satyam Gupta MBA III Sem	Mobile Phone with features of inbuilt hardware or external hardware of rotating or fixed, multiple multi-colour LEDs flash lights for multiple applications with flashlight illumination , pattern generation and control of many mobiles individually or simultaneously at same or different times using a mobile software application.
4	Multicolour , Multiple Flashlights	Mobile Applications	Ideation & Pre incubation Stage	2019-20	Satyam Gupta MBA III Sem	Mobile Phone with features of inbuilt hardware or external hardware of rotating or fixed, multiple multi-colour LEDs flash lights for multiple applications with flashlight illumination , pattern generation and control of many mobiles individually or simultaneously at same or different times using a mobile software application.
5	Happico	Manufacturer of Dark Belgian Chocolate	Incubation	2019-20	Yash Pande and Sonal Bahilani of MBA(Integrated)	Happico produces Dark Belgian Chocolate with different flavors. Headquarters at Wani, Nagpur, India. Believes in delivering best chocolate experience worldwide.
6	CineVibes	Photography Platform	Incubation	2019-20	Mandar Mohite	ITES , On line Portal for Commercial Photographers, A/V Business
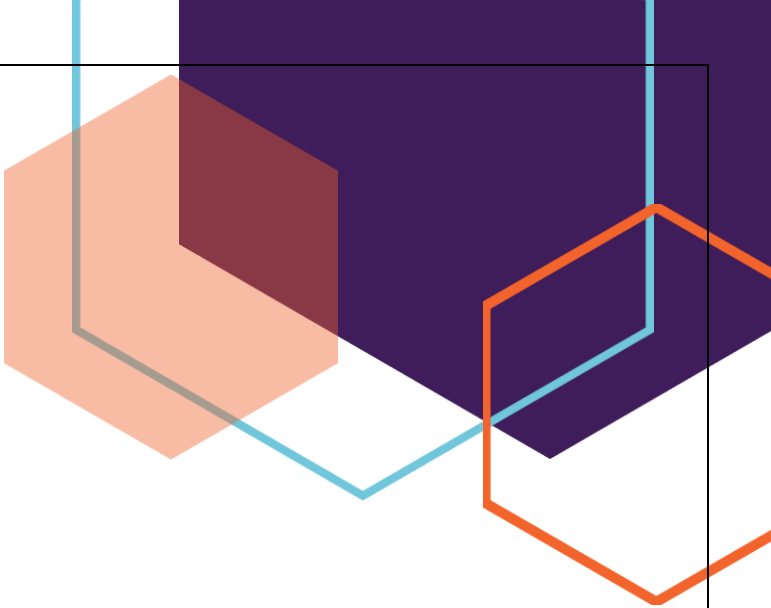
RCOEM ALUMNI ASSOCIATION

The RCOEM ALUMNI ASSOCIATION is dedicated to bring together the Alumni fraternity on a common platform to build a bridge of personal and professional support to members through 'self-help' within community. The important objectives of the Association are to promote and foster mutual beneficial interaction between the Alumni, present students of RCOEM and between Alumni themselves. The aim is to encourage Alumni to take an active and abiding interest in the work and progress of the Institute so as to contribute towards the enhancement of the social utility of their Alma Mater. It has a vital role to play in the college, which are some of the followings:-

- Recognizing the college reputation.
- Recruitment helps with the students' prospective.
- Sustaining loyalty among the RCOEM alumni.
- Forwarding information concerning prominent alumni to the college alumni office.
- Intellectual stimulation.

SCHOLARSHIP PROGRAM BY RCOEM ALUMNI MR. AMIT JAIN

Mr. Amit Jain, Director, Mahagun India Private Limited, Noida, Entrepreneur Alumni from EDT Department (1995 Batch) has sponsored scholarship for five meritorious and economically weak students of RCOEM till completion of their graduation. The scholarship amount is Rs. 50000/- per year for each student. The total amount of scholarship is Rs.30 lakhs. This program has been executed for three consecutive batches passed out in 2018, 2019 and 2020.This year five students from 2020 batch have been graduated with the support of this scholarship. All the students got immense benefit from this scholarship throughout their engineering graduation journey. These students have expressed their gratitude for the timely help of Mr. Amit Jain which made their engineering dream successful.
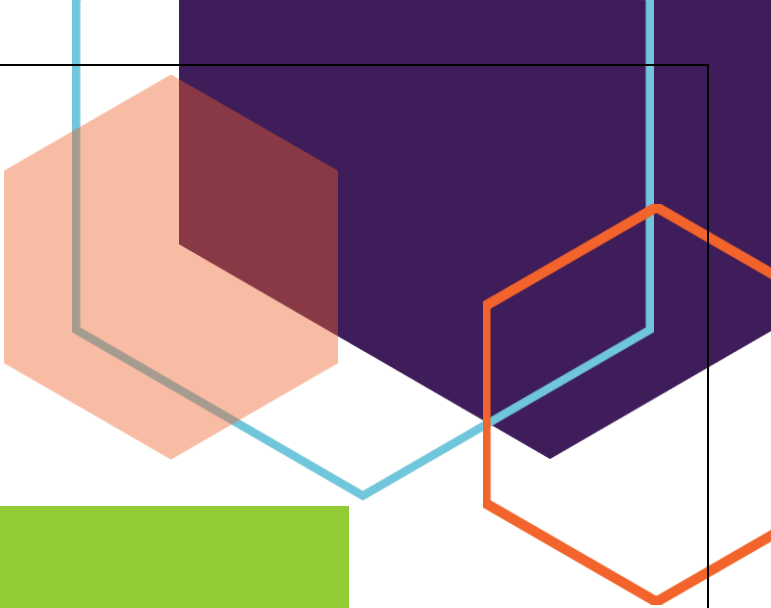
ALUMNI ACHIEVEMENTS

1. RCOEM Alumnus Mr. Manish Kothari is awarded with "TECH LEADER OF THE YEAR 2019" in JACKSONVILLE FL on 25th Sept 2019.

ALUMNI VISITS TO THE RCOEM CAMPUS

Sr. No.	Name of Alumni	Event	Date
1	Miss. Neha Baisware, Technical Lead and HR in SparkVed Infotech, Pune	Guest Lecture on "Pre-Placement talk and career opportunities"	11th Feb 20

Extension Activities

NSS was launched on the 100th birth anniversary of Mahatma Gandhi as a Youth Service Program in 1969 by the Govt. of India. The Motto of NSS is *"NOT ME, BUT YOU"*. The welfare of an individual depends on the welfare of the society. It expresses the essence of democratic living, the need of self-less service, appreciation of the other man's point of view, and also consideration for fellow human beings. The cardinal principle of the NSS program is to get a sense of involvement in the task of nation building.
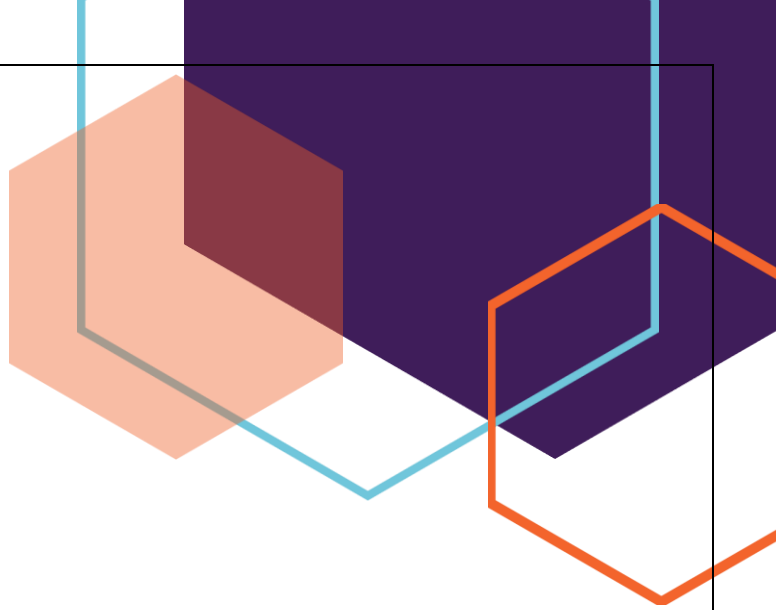

Marking the **50th anniversary of NSS** as well as the **150th birth anniversary of Mahatma Gandhi**, RCOEM NSS Unit Celebrates NSS Day on 24th September 2019. Moreover, as per the direction of Higher and Technical Education Board (Maharashtra Government) and RTM Nagpur University to Conduct NSS Week during 24th Sep to 02 October; NSS RCOEM is taking Stationary Collection Drive during this time period and further to distribute among underprivileged students of Some identified School or Orphanage.

"Be a blood donor, be a Hero – A real one" the NSS Unit has organized the Mega Blood Donation Camp at Main Auditorium in collaboration with Dr Hedgewar Blood Bank, Nagpur on 11/10/2019.

The camp received a huge support. It received a count of more than 350 who willed to donate the blood while 278 could donate the blood, includes Faculty, Staff and Students. More Than 50 NSS Volunteers contributed to make this camp successful. Thus, receiving a huge response and support the camp was brought to end.
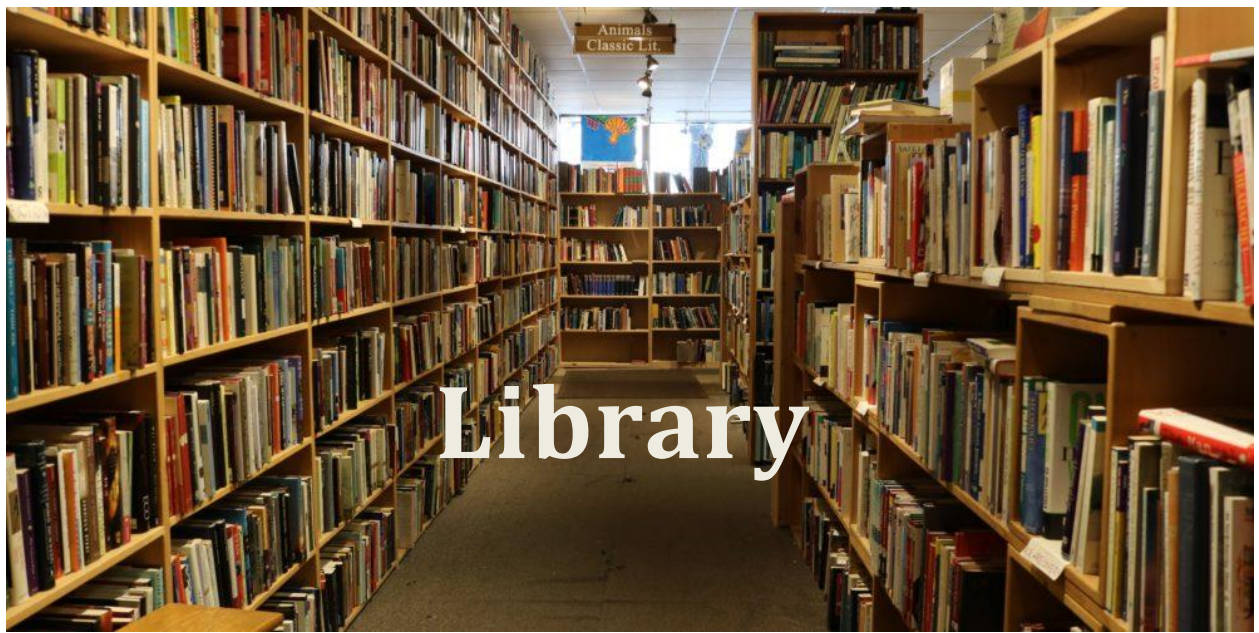
Library

Central Library of Shri Ramdeobaba College of Engineering and Management, was established in the year 1984. It is regarded as the best technical Library. It serves as a knowledge hub containing resources not only in the form of print but also in e-resources .The library aims at developing a comprehensive collection of documents that is useful for the faculty and students in their education and research activities in the institute. The library is open to all students and staff members from 8.00 am to 8.00 pm on all working days. There is a rich collection of volumes of textbooks, reference books, National and International Journals in all branches of Engineering, Science, Technology, Management and General Studies. The library makes efforts to increase this collection. These Books are classified according to UDC classification scheme and open access system is followed in the library.

RCOEM has always recognized the significance of enrichment of academic that takes place with the help of Library. Library is a member of National Library Network – DELNET. Information from National Program on Technology Enhanced Learning (NPTEL) and other Electronic Resources are also available for the user community. On-line e-journals can be accessed such as IEEE, ASCE, ASME & EBSCO, ASCE Library members are allowed to access all materials (such as Books, Journals, Magazines, Digital materials and E-Journals etc.) available in the library. Library functions such as Acquisition, Circulation, and Cataloging have been automated using integrated software ERP such as GEMS with Web OPAC.

REFERENCE SECTION

The reference section of the library has rich collection of international editions of reference books, hand books, conference proceedings, encyclopedias and various reference documents.

BACK VOLUMES

Back volumes of journals have been neatly bounded and categorized under their respective subjects for reference.

PERIODICAL SECTION

The library has a separate periodical section and subscribes to National and International Journals. The library receives Journals, Newsletters to provide the staff and students latest information in technical education, research and developmental activities.

AUDIO-VISUAL MATERIALS

The library has a rich collection of Audio - Video tapes, CD's Cassettes etc. It also facilitates to view video programmes.

DIGITAL LIBRARY

The Digital library has 20 dedicated computers with multimedia and internet facility. The users use this service for searching information and downloading articles from various e-resources

ONLINE PUBLIC ACCESS CATALOGUE

The library is equipped with computerized Online Public Access Catalogue (OPAC) for searching availability of books. Barcode system is followed in all transactions.

RESOURCES

Category	Count
General Books	76,163
Book Bank Books	15,044
Social Welfare Books	1190
Donated Books	1949
Magazines	21
Newspapers	21
Active Journals	77

FACILITIES & INFRASTRUCTURE

MANDIR

ADMINISTRATIVE BLOCK

AUDITORIUM

HOSTELS

COMPUTER FACILITY

CANTEEN

BANK+ATM

MESS/GYMNASIUM

SPORT FACILITIES

OTHER FACILITIES