

Date: 15.06.2022

To,

The Principal,

KITS, Ramtek.

Sub: Submission of Annual Report related to various activities organized by the IQAC in the institute-Reg.

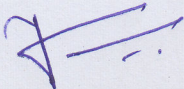
Respected Sir,

With reference to above subject, the undersigned would like to submit the Annual Report related to the various activities conducted during the academic year 2021-22 by IQAC. The report includes the various activities conducted in the institute, STTP/FDP attended by the faculty members, paper published/presented in various National/International Conferences/Journals and students' achievements.

The details are furnished for your kind perusal and record.

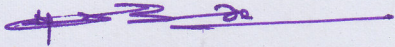
Thanking you.

Yours Faithfully



Dr. Y.M. Jibhakate
IQAC, Coordinator
KITS, Ramtek

Seen



OFFICIATING PRINCIPAL

Kavikulguru Instt. of Tech. & Science
RAMTEK-441106, Dist. Nagpur (MS)

Date: 15.06.2022

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Sub: Submission of Annual Report related to various activities organized by the IQAC in the institute-Reg.

Respected Sir,

With reference to above subject, the undersigned would like to submit the Annual Report related to the various activities conducted during the academic year 2021-22 by IQAC. The report includes the various activities conducted in the institute, STTP/FDP attended by the faculty members, paper published/presented in various National/International Conferences/Journals and students' achievements.

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Thanking you.

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RAMTEK-441106, Dist. Nagpur (MS)

CIVIL ENGINEERING DEPARTMENT

Professional Society Memberships:ISTE

Consultancy Activities:

Department of Civil Engineering, KITS, Ramtek Has Testing and Consultancy Facility. Various Industries visited for Testing, V.P.Shetty Construction Co. Jalana, S.S. Damane Civil Engineer & Contractor, Agree and Aqua LLP. Nagpur etc.

Faculty Achievements/Recognitions:

- Mrs. Meenakshi K. Chouragade presented a paper “Strength and flow characteristics of controlled low strength material by using industrial byproduct” First Indian geotechnical and geo-environmental engineering conference on 19 to 20 Nov 2021.
- Mrs. Meenakshi K. Chouragade presented a paper “Sustainable controlled low strength material without sand and chemical admixture by using Industrial byproduct” 7th inter. Conference on recent trends in engineering and technology (ICRTET-2021) on 15 to 16 Nov 2021
- Dr. Avinash N. Shrikhande is elected as Chairman, Board of Studies, Civil Engineering.
- Dr. Avinash N. Shrikhande worked as Member of LEC ,PriyadarshaniBhagawati College of Engineering , Nagpur.
- Dr. Avinash N. Shrikhande worked as Member of Visiting Committee for Increasing Intake of Students at Y.C.C.E ,Hingna Road, Wanadongri.
- Dr. Avinash N. Shrikhande worked as Member of Visiting Committee for Renewal of Autonomous status of Y.C.C.E ,Hingna Road, Wanadongri.
- Dr. Avinash N. Shrikhande worked as R.A.C. Member for Ph.D. for Shri. Ramdeobaba College of Engineering and Management, Nagpur.
- Dr. Avinash N. Shrikhande worked as R.A.C. Member for Ph.D. for K.D.K. College of Engineering, Nagpur.
- Dr. Anant N. Dabhade worked as Member, Board of Studies, Civil Engineering, RTMNU Nagpur.
- Dr. Anant N. Dabhade worked as Member of Academic Council of the AutonomusCollege , TGPCET Nagpur.
- Dr. Anant N. Dabhade worked as Member of Board of Studies of the Autonomous College, SVP CET Nagpur.

- Dr. Anant N. Dabhade, Delivered Expert lecture on “Advanced Construction Material” at ChatrapatiShivaji Institute of Technology, Deori, Gondia.
- Dr. Anant N. Dabhade, Delivered lecture on “Administration of Teaching in Engineering & Architecture ” in Faculty development Program on Role of Architects and Engineers in Professional Edification, Organized by Department of Architecture, KITS, Ramtek.
- Dr. Anant N. Dabhade, Participated in One Week Short Term Training Program on “Conservation of Energy, Water and Environment- Present and Future”, organized by Department of Mechanical Engineering, KITS Ramtek.
- Mr. Prandnyashil D. Ramteke, Participated in One Week Short Term Training Program on “Conservation of Energy, Water and Environment- Present and Future”, organized by Department of Mechanical Engineering, KITS Ramtek.
- Mr. ShrinivasV.Rayadu, Participated in One Week Short Term Training Program on “Conservation of Energy, Water and Environment- Present and Future”, organized by Department of Mechanical Engineering, KITS Ramtek.
- Mr. Laxmikant C.Tibude, Participated in One Week Short Term Training Program on “Conservation of Energy, Water and Environment- Present and Future”, organized by Department of Mechanical Engineering, KITS Ramtek.


Activities of the Department:

- Teacher’s day was organized through Civil Engineering Association and celebrated with great zeal on 5th September 2021.
- Engineers Day was organized through Civil Engineering Association and celebrated with great zeal on 15th September 2021.
- Expert lecture delivered by Chief Guest Mr. NiranjanAdmane, Project Manager – CITECH Engineering, Mumbai for Civil Engg. students on dated 27/09/2021.
- Guest Lecture delivered by Mr. SarangPimpalkar, Marketing Manager ADMIRE TECH VISION, Nagpur for Civil . Engg. students on dated 16/03/2022.
- Survey Camp was organized for B.E. Sixth Semester Civil Engineering students from 18-21, April 2022 at Bharat Scout and Guide Center Nagarjuna, Ramtek.
- A Three days workshop on “**Total Work Station**” was organized by the Department of Civil Engg. during 19-21April 2022 for Sixth Semester CivilEngg. students in association with REYAN Engineers & Land Surveyors, Gondia.
- Alumni Day is celebrated on 16/01/2022 in online mode and Alumni. Mr. ArshadKhan , Heading Environmental and Biodosimetry section of RPAD, BARC,

Mumbai, Ms. PayalChafle (Bankar), Sub-Divisional Engineer, Water Resource Department, Pune and Mr. AkshayPradipRandiwe, Bridge Engineering E.I.T., Modjeski and Masters, Austin, have interacted with Civil Engineering students.

Students Achievements:

- Ms. Gayatri S. Lilhare Secured 5th University Rank in Summer 2021 Examination of BE Eighth Semester
- **Ms. ShubhangiSahare**,Secured Gold Medal, 3rd Nagpur District Level Thaiboxing Selection Championship 2021.
- **Ms. ShubhangiSahare**, Secured Gold Medal, 13th Sub Junior, Junior & Senior Level Wushu Championship-2021
- **Ms. ShubhangiSahare**,Secured Gold Medal, 12th National ThaiboxingChampionship 2021.
- **Ms. ShubhangiSahare**, Secured Gold Medal, 17thState Level Thaiboxing Selection Championship 2021-22.
- **Ms. ShubhangiSahare**, Secured Gold Medal, 8th Thai Boxing National Federation Cup 2022


IQAC coordinator

and Challenges in Mechanical Engineering” (ETCME – 2021), organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.

- Dr. M.B. Mawale presented a paper “**Recent Development in Battery Thermal Management System in Electrical Vehicle**”, in National Conference on “Emerging Trends and Challenges in Mechanical Engineering” (ETCME – 2021), organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.
- Dr. M.B. Mawale presented a paper “**Design and Development of Customized Implant and Customized Surgical Cutting Guide for Accurate Mandible Reconstruction**”, in National Conference on “Emerging Trends and Challenges in Mechanical Engineering” (ETCME – 2021), organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.
- Dr. M.B.Mawale has delivered Seminar on “**Research Innovation and Patenting**”, at Faculty Development Program organized by the Department of Architecture, KITS, Ramtek during 10-12 Feb. 2022.
- Mr. Y.R. Suple has attended one week FDP on “**Open Source Field Operation and Manipulation (Open FOAM)**” organized by IIT Bombay and Department of Mechanical Engg. B.D.College of Engineering , Sewagram, Wardha during 7-11 June 2021.
- Mr. Y.R. Suple has attended one week STTP on “**Recent Innovative Developments in Thermal Engineering**” organized by Department of Mechanical Engineering, Malla Reddy Engineering College during 28 June-3rd July 2021
- Mr. Y.R.Suple has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Mr. Y.R.Suple has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Dr. Y. M. Jibhakate has attended one week STTP on “**Recent Innovative Developments in Thermal Engineering**” organized by Department of Mechanical Engineering, Malla Reddy Engineering College during 28 June-3rd July 2021

- Dr. Y. M. Jibhakate has attended Virtual National Level Faculty development Program on “**NBA Accreditation Process**” organized by Department of Mechanical Engineering, KDK Engineering College, Nagpur during 23-28 August 2021.
- Dr. Y.M.Jibhakate has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Dr. Y.M.Jibhakate has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Dr. S.P.Chincholkar has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Dr. S.P. Chincholkar has delivered Seminar at Faculty Development Program on “**Role of Architects and Engineer in Professional Edification**”, organized by the Department of Architecture, KIS, Ramtek during 10-12 Feb. 2022.
- Dr. S.P.Chincholkar has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Dr. S.K.Bhele has attended one week STTP on “**Recent Innovative Developments in Thermal Engineering**” organized by Department of Mechanical Engineering, Malla Reddy Engineering College during 28 June-3rd July 2021
- Dr. S.K.Bhele has attended one week FDP on “**Alternative Fuels for I.C.Engine**”, organized by University College of Engineering Vinoba Bhave University, Hajaribagh during 2-6 August 2021.
- Dr. S.K.Bhele has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.

- Dr. S.K. Bhele has delivered Seminar at Faculty Development Program on “**Research and MODROB Schemes by AICTE**”, organized by the Department of Architecture, KITS, Ramtek during 10-12 Feb. 2022.
- Dr. D. C. Katpatal delivered an expert lecture on “**Specification of Robot and its Economic Analysis**” at Babasaheb Naik College of Engineering, Pusad on 22-10-2022.
- Dr. D. C. Katpatal attended one week FDP on “**Use of Advanced Computational Tools in Optimization For Engineering Researcher**”, organized by the Department of Mechanical Engineering, Jhulelal Institute of Technology, Nagpur during 12-17 July 2021.
- Dr. D.C.Katpatal has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Dr. D.C.Katpatal has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Mr. N. N. Suraskar has attended one week STTP on “**Recent Innovative Developments in Thermal Engineering**” organized by Department of Mechanical Engineering, Malla Reddy Engineering College during 28 June-3rd July 2021
- Mr. N.N.Suraskar has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Mr. N.N.Suraskar has attended one week workshop on “**Structured Query Language – SQL**”, at Ms. Indu C. SQL expert trainer, Skill Nation during 11-16 Jan 2022.
- Mr. N.N.Suraskar has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Mr. A.B.Rahate has attended one week STTP on “**Recent Innovative Developments in Thermal Engineering**” organized by Department of Mechanical Engineering, Malla Reddy Engineering College during 28 June-3rd July 2021.

- Mr. A.B.Rahate has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Mr. A.B.Rahate has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Mr. M.K.Jaiswal attended one week FDP on “**Use of Advanced Computational Tools in Optimization For Engineering Researcher**”, organized by the Department of Mechanical Engineering, Jhulelal Institute of Technology, Nagpur during 12-17 July 2021.
- Mr. M.K.Jaiswal has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Mr. M.K.Jaiswal has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Dr. M.B.Mawale has attended one week FDP on “**Entrepreneurship Awareness**” organized by Entrepreneurship Development Cell, Nagpur Institute of Technology, Nagpur during 14-18 Sept. 2021.
- Dr. M.B.Mawale has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Dr. M.B.Mawale has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Mr. P.G.Pokley has attended one week FDP on “**Open Source Field Operation and Manipulation (Open FOAM)**” organized by IIT Bombay and Department of

Mechanical Engg. B.D.College of Engineering, Sewagram, Wardha during 7-11 June 2021.

- Mr. P.G.Pokley has attended one week STTP on “**Recent Innovative Developments in Thermal Engineering**” organized by Department of Mechanical Engineering, Malla Reddy Engineering College during 28 June-3rd July 2021
- Mr. P.G.Pokley has attended one week FDP on “**Use of Advanced Computational Tools in Optimization For Engineering Researcher**”, organized by the Department of Mechanical Engineering, Jhulelal Institute of Technology, Nagpur during 12-17 July 2021.
- Mr. P.G.Pokley has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Mr. P.G.Pokley has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Mr. S.A.Borikar has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Mr. S.A.Borikar has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.
- Dr. A.V.Kolhe has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Dr. A.V.Kolhe has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.

- Mr. V.P.Ate has attended workshop on “**Intellectual Property Rights – Patents and Design Process**”, organized by Department of Mechanical Engineering, KITS, Ramtek and Rajiv Gandhi National Institute of Intellectuals Property Management, Nagpur on 28-10-2021.
- Mr. V.P.Ate has attended one week STTP on “**Conservation of Energy, water and Environment – Present and Future**”, organized by the Department of Mechanical Engineering, KITS, Ramtek during 7-11 March 2022.

Activities of the Department:

- Online “**Teacher’s Day Celebration**” was organized by Department of Mechanical Engineering on 06-09-2021. Around 60-70 students were present online during the program.
- Department of Mechanical Engineering has organized National E-conference on “**Emerging Trends and Challenges in Mechanical Engineering**” on 16-09-2021. The E-Conference was inaugurated online by **Sri. Asim Kumar Samanta, Managing Director, Ratnagiri Gas and Power Ltd., Ratnagiri (A subsidiary of NTPC)**. The conference had received 43 research papers in various areas of Mechanical Engineering. From all over India around 125 participants had registered for the conference.
- “**Inauguration of Mechanical Engineering Association**” was arranged on 30-09-2021. The chief guest for the function was Sri. B.N.Thorat, Vice President HR, Suryalaxmi Cotton Mills Ltd., Nagardhan, Ramtek. Delivered presentation on ‘**Job Opportunities and Prospects in Mechanical Engineering**’. Around 70-75 students were present for the program.
- “**Memorandum of Understanding**” (MoU) was signed in between KITS, Ramtek and Suryalaxmi Cotton Mills Ltd., Nagardhan, Ramtek on 21-10-2021. Both parties were agreed to strengthen the Institute- Industry Interactions and exchange of knowledge and technology.
- Mechanical Engineering Association has organized online Expert Lecture on “**Hands on C Language**” on 23-10-2021. The lecture was delivered by Mr. Dilipkumar Borikar, Asst. Prof., Department of Computer Science, Shri. Ramdeobaba College of Engineering and Management, Nagpur. Around 60-65 students and staff attended the expert lecture.

- Department of Mechanical Engineering and Incubation Centre jointly organized one day workshop on “**Intellectual Property Rights (IPR) - Patent and Design Process**” in association with Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur on 28-10-2021. Resource person was Dr. Pankaj Borkar, Dy. Controller of Patent and Design, Nagpur. Around 250 participants were present online for the workshop.
- Department of Mechanical Engineering organized online seminar on “**A Guidance Program on Career Opportunities after B. Tech**” In Association with ACE Engineering Academy, Hyderabad on 25-11-2021. The Resource Person was Mr Ravikiran Doiphode, Motivational Speaker, Faculty from ACE Engineering Academy, Hyderabad.
- Department of Mechanical Engineering organized online seminar on “**Design Your Bright Future by Adapting New Methodologies**” on 27-11-2021. The Resource Persons were Mr. Sudip Maiti, Business Transformation Manager, Tech. Mahindra and Ms. Suma Sridhar, S. Cadambi Vidya Kendra, Bangalore.
- ‘**Alumni Day**’ was celebrated by the Department of Mechanical Engineering on 16-01-2022. Dr. Manish Kumar Varma, Professor in Milestone International Education at Doha, Qatar. Alumnus from 1995 batch was invited as a guest. He has interacted with students and shared his views.
- Department of Mechanical Engineering organized one week short training program on ‘**Conservation of Energy, Water and Environment – Present and Future**’ during 7th-11th March 2022.
- Department of Mechanical Engineering has organized an ‘**Industrial Visit**’ at **Suryalakshmi Cotton Mills Ltd., Nagardhan** on 13-04-2022 for Second and Third year Mechanical Engineering students.

Students Achievements:


- Mr. Yogesh Mishra student of II year Mechanical Engineering has won I prize in ‘**Navchetana 4.0**’, organized by ISTE Student Chapter, KITS, Ramtek.
- Mr. Yash Shende student of II year Mechanical Engineering has won II prize in ‘**Navchetana 4.0**’, organized by ISTE Student Chapter, KITS, Ramtek.
- Mr. Snehal Bambal student of II year Mechanical Engineering has won II prize in ‘**Navchetana 4.0**’, organized by ISTE Student Chapter, KITS, Ramtek.

Innovative Projects by the students:

- “Design, Fabrication and Optimization of Parabolic Dish Collector for Variable Rim Angle” guided by Mr. M. K. Jaiswal.
- “Design and Fabrication of Intelligent Braking System” guided by Mr. Y.R. Suple.
- “Fabrication of A Twin Treadle Diaphragm Pump for Low Lift Irrigation” guided by Mr. A.B.Rahate.
- “Design and Fabrication of Hybrid Power Generation using Solar and Vertical Axis Wind Turbine” guided by Mr. P.G.Pokley.
- “Development of Spraying Robot using BOT Mechanism” guided by Dr.S.K.Bhele
- “Design and Fabrication of Solar and Mechanically Powered Sanitizer Sprayer” guided by Mr.S.A.Borikar
- “Design and Fabrication of Solar Operated Land Grass Cutter” guided by Dr. D.C.Katpatal.
- “Design and Development of Water Irrigation Sprinkler Robot” guided by Dr. S.P.Chincholkar.

Industrial Visit:

- Department of Mechanical Engineering has organized an ‘**Industrial Visit**’ at **Suryalakshmi Cotton Mills Ltd., Nagardhan** on 13-04-2022 for Second and Third year Mechanical Engineering students.


IQAC Coordinator

MECHANICAL ENGINEERING DEPARTMENT

Professional Society Memberships: ISTE, IE(I), ISHRAE

Consultancy Activities :

Department of Mechanical Engineering, KITS, Ramtek is recognized as a centre for conducting laboratory experiments and examination of AMIE by the Institution of Engineers.

Faculty Achievements/Recognitions:

- Dr. A.V. Kolhe published a paper “**Experimental Study of Combined Water Cooling Air Cooling and Water Heating**”, International E-conference on Mechanical and Material Science Engineering Innovative and Research at Sandip Institute of Technology & Research Centre, Nashik dated 17-18 September 2021.
- Dr. A.V. Kolhe published a paper “**Generation of Electricity with the use of Speed Breaker**” at National Conference on “Emerging Trends and Challenges in Mechanical Engineering (ETCME-2021)” organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.
- Mr. S.A. Borikar published a paper “**A case study on Experimental and Statistical Analysis of Energy consumption of Domestic Refrigerator**”, Case Studies in Thermal Engineering, 28 (2021), 101636, pp.1-10
- Mr. S.A. Borikar published a paper “**Experimental Investigation of Domestic Refrigerator with Helical Coil Condenser**”, Advances and Applications in Mathematical Sciences, 20(10), August 2021, Pp 2175-2184.
- Mr. S.A. Borikar published a paper “**Performance Analysis of Solar Assisted Refrigeration System**”, National Conference on “Emerging Trends and Challenges in Mechanical Engineering” (ETCME – 2021), organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021
- Mr. M.K. Jaiswal published a paper “**Biogas as Fuel Generated from Kitchen Waste**”, in National Conference on “Emerging Trends and Challenges in Mechanical Engineering” (ETCME – 2021), organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021

- Mr. N.N. Suraskar published a paper “**Design of Shell and Tube Heat Exchanger with Effect of Segmental Baffles**”, National Conference on Emerging Trends and Challenges in Mechanical Engineering (ETCME-2021) Organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.
- Mr. Y.R. Suple published a paper “**Combustion of Pallets of Bio-mass Blends for Household Cooking**”, in National Conference “Emerging Trends and Challenges in Mechanical Engineering (ETCME-2021)” organized by Department of Mechanical Engineering under Internal Quality Assurance Cell on 16th September 2021.
- Dr. D.C. Katpatal presented a paper “**A Review on Thermophysical Properties of Oxide based Nanolubricants**”, in National Conference “Emerging Trends and Challenges in Mechanical Engineering (ETCME-2021)” organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.
- Dr. A.V. Kolhe personated a paper “**Generation of Oxy-hydrogen Gas and Its Effect on Performance of Spark Ignition Engine**”, in National Conference “Emerging Trends and Challenges in Mechanical Engineering (ETCME-2021)” organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.
- Mr. P.G. Pokley presented a paper “**Cognitive Ergonomics**”, in National Conference “Emerging Trends and Challenges in Mechanical Engineering (ETCME-2021)” organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.
- Dr. Y.M. Jibhakate presented a paper “**Solar Tunnel Dryer Performance Investigation for Drying Red Chilli**”, in National Conference “Emerging Trends and Challenges in Mechanical Engineering (ETCME-2021)” organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.
- Dr. S.K. Bhele presented a paper “**Numerical Study of Tubular Combustion Chamber for Diesel and Biodiesel**”, in National Conference on “Emerging Trends and Challenges in Mechanical Engineering” (ETCME – 2021), organized by Department of Mechanical Engineering, KITS, Ramtek on 16th September 2021.
- Dr. M.B. Mawale presented a paper “**Evolution of Computer Integrated Manufacturing (CIM): an overview**”, in National Conference on “Emerging Trends

COMPUTER TECHNOLOGY DEPARTMENT

Professional Society Memberships: ISTE, IETE,CSI

Faculty Achievements/Recognitions:

- Dr. V. P. Mahatme worked as member of syllabus revision committee of B.Tech. Computer Technology, RTM Nagpur University.
- Sri. B. A. Deshpande worked as member of syllabus revision committee of B.Tech. Computer Technology, RTM Nagpur University. .
- Dr. V. P. Mahatme nominated as member of selection committee for the selection of Assistant Professor/Lecturer for the subject Computer Science at Kavikulguru Kalidas Sanskrit University, Ramtek on 10th Aug 2021.
- Dr. V. P. Mahatme nominated as Referee for project proposal submitted by Kavikulguru Kalidas Sanskrit University, Ramtek to Ministry of Science for “Skill Development Training” for the economic Development of Tribal Communities in the Ramtek, Nagpur region in Maharashtra" on dated 29th Sept 2021.
- Dr. V. P. Mahatme worked as a reviewer in International Conference on “Advancement in Science, Technology and Management (ICASTM-2021)” held at S. B. Jain Institute of Technology, Management and Research, Nagpur during 23rd to 24th Dec 2021.
- Dr. V. P. Mahatme conducted Ph.D. viva voice examination of Mr. Sunil M. Wanjari, as an external examiner at Dr. C. V. Raman University, Bilaspur, Chhattisgarh on 28th Jan 2022.
- Mr. Manish Bharadwaj has attended the international webinar on “Enhancing Research Competence to Attain Impact, Visibility, and Citation” organized by Research and Learning Resource Center, Santaji Mahavidyalaya, Nagpur on 29th Jul 2021.
- Ms. Vaishal Malekar has participated in national level webinar on “Prerequisite for Execution of Research Work” conducted by Research and Development Cell PCE, Nagpur in association with Mathematics Club PCE on 30th Oct 2021.
- Dr. V. P. Mahatme has delivered a lecture on “Research Trends in Data Mining Technologies and Applications” in one week FDP on “Role of Architects and Engineers in professional Edification” organized by Department of Architecture, KITS, Ramtek under IQAC during 10th to 12th Feb 2022.

- Ms. Ankita Nathe has attended one week FDP on “Role of Architects and Engineers in professional Edification” organized by Department of Architecture, KITS, Ramtek under IQAC during 10th to 12th Feb 2022.
- Mr. Gaurav Divtelwar has attended one week FDP on “Role of Architects and Engineers in professional Edification” organized by Department of Architecture, KITS, Ramtek under IQAC during 10th to 12th Feb 2022.
- Dr. V. P. Mahatme delivered talk on “Opportunities after 12th” for the students of Eklavya school of Ramtek, Chikhaldara, Aheri, Borgaon and Devhada at KITS, Ramtek on 16th April 2022.
- Dr. V. P. Mahatme worked as member of Local Equity Committee visited Priyadarshini College of Engineering, Nagpur.


Activities of the Department:

- Teacher’s day was organized through Acquired Computing Methodological Engineers (ACME) and Computer Society of India (CSI) and celebrated with great zeal on 5th Sept. 2021.
- Acquired Computing Methodological Engineers (ACME) and Computer Society of India (CSI) together arranged online guest lecture of Mr. Inrajeet Tiwari, Sr. Software Engg. Philips Vitalhealth, Mumbai on 30th Sept. 2021.
- Webinar on “Placement Preparation Strategy” by Mr. Mayank Khadotkar, Software Engineer, Persistent, Nagpur was arranged for B.E. third year students of Computer Technology department on 27th Nov 2021.
- Computer Society of India (CSI) has arranged webinar on “Digital and Growth Marketing” by Mr. Govind Chandak, Business Head, GrowthAcad, Pune on 22nd Jan 2022.
- Webinar on “Career in IT – Assumptions & Reality” by Mr. Deepak Dhote, Operations Manager, IT-NetworkZ Infosystems Pvt. Ltd. Nagpur was organized on 12th Feb 2022.
- Webinar on “Java Programming” by Mrs. Mehnaz Shaikh Sr. Java Developer, Microtron Technologies Pvt. Ltd. Nagpur was organized on 23rd Feb 2022.
- Seminar on “Java Programming” by Mr. Deepak Dhote, Operations Manager, IT-NetworkZ Infosystems Pvt. Ltd., Nagpur was organised on 23rd March 2022.

- ACME conducted event “TECHNOFRENZY” for students of various departments on 12th April 2022.
- A three-day fest “CSI Fest 1.0” was organized in mixed mode for students of various departments by Computer Society of India (CSI) from 13th to 15th Apr 2022.
- Department signed Memorandum of Understanding (MOU) with Tech Mahindra, Nagpur.
- Department signed Memorandum of Understanding (MOU) with WDC Web, Nagpur.
- Department signed Memorandum of Understanding (MOU) with IT-NetworkZ Info systems Pvt. Ltd., Nagpur.

Students Achievements:

- Ms. Punit V. Dekate secured 24.33 score in GATE 2022 examination.
- Prajakta P. Belekar secured 19.67 score in GATE 2022 examination
- Swaroop Wajagi, Kunal Kadav and Bhushan Satpute of B. E. Third year participated in Hackathon held at Saint Vincent Paloti College of Engineering and Technology, Nagpur during Technex-22 held on 28th and 29th March 2022.
- Devratna R. Sawaitul and Sushant A. Buche appeared for NCC 'B Level Certificate Examination' held at Dr. B. R. Ambedkar College, Nagpur.
- Four Students done Industrial Training at Hindalco Industries Mouda and Ordinance Factor Bhandara.
- 99 students of fourth semester B.Tech. undergoing internship at IT networkz Infosystems Pvt. Ltd.
- 10 students of fourth semester B.Tech. undergoing internship at FLP system.
- Overall 97 students placed during current academic year 2021-22 out of that 53 students are belongs to current final year batch and 44 students belong to last year pass out. Students placed mainly in following companies like Infosys, Tcs, Wipro, Tech Mahindra, Capgemini, Cognizant, Accenture, Smart data Quest Global , and Persistent System etc.


IQAC Coordinator

INFORMATION TECHNOLOGY DEPARTMENT

Professional Society Memberships: ISTE, CSI

Faculty Achievements/Recognitions:

- Mrs. Saroj A. Shambharkar was invited as a Chief Guest for the Inaugural event of 'Group Discussion' at Kavikulguru Sanskrit Vishwavidyalaya, Ramtek on 02nd May 2022.
- Mrs. Saroj A. Shambharkar has published the Book Chapter title 'Approach towards the Automated System for Understanding Facial Skin Diseases' published by New Frontier in Communication and Intelligent Systems.
- Dr. Dinesh N. Patil received a letter of appreciation from Asian Journal of Research in Computer Science for reviewing their Journal Papers in the year 2021.
- Mrs. Saroj A. Shambharkar received letter of appreciation from Dr. D.Y. Patil Institute of Technology, Pimpri, Pune for conducting session as Resource person during National Level One Week Faculty Development Program on "Recent and Emerging Trends in Information Technology" on 27th July to 31st July 2021.
- Mrs. Saroj A. Shambharkar has participated in Faculty Development Program on 'Advanced Software Engineering' from 3rd January to 7th January 2022 organized by Dr. D.Y. Patil Institute of Technology, Pimpri, Pune
- Mrs. Harshita D. Jain participated in one week IEI approved online STTP on 'Machine Learning with Python' during 5-9 April 2022.
- Dr. Dinesh N. Patil has participated in two days FDP on Innovative Pedagogy from 14th to 16th March 2022 organized by RTM Nagpur University.
- Mrs. Saroj A. Shambharkar participated in one week IEI approved online STTP on 'Machine Learning with Python' during 5-9 April 2022.
- Mrs. Harshita D. Jain participated in FDP on 'Role of Architects and Engineers in Professional Edification' during 10-12 February 2022 organized by KITS, Ramtek.
- Mrs. Saroj A. Shambharkar has participated in one week Faculty Development Program on 'Cyber Forensics And Cyber Security' from 20th December to 25th December 2022 organized by Yeshwantrao Chavan College of Engineering, Nagpur.


- Mrs. Saroj A. Shambharkar has participated in one week Faculty Development Program on 'Essential of Emerging Technologies (AI/ML/Deep Learning and Big Data) in research' from 4th to 9th January 2021 organized by ABES Engineering College, Ghaziabad.
- Mrs. Saroj A. Shambharkar has attended a examination committee meeting of RTM Nagpur University on 19th March 2022.
- Mrs. Harshita D. Jain has attended a six day FDP on 'Salesforce CRM Essentials' 26th Feb- 3rd March 2022 organised by KDK College of Engineering, Nagpur in association with Institution of Engineers (IEI),Nagpur Local Center
- Mrs. Saroj A. Shambharkar has published a research paper 'Biological Network, Gene Regulatory, Network Inference using Casual Inference Approach' in the journal Revue d'Inelligence Artificielle.
- Mrs. Saroj A. Shambharkar has attended a one day program on 'Awareness program on Activity based Learning' in association with RTM Nagpur University on 7th October 2021

Activities of the Department:

- Department has conducted a Guest Lecture by Mr. Abhishek Sahay, Senior Business Development, BYJU on the topic 'Entrepreneurship and Marketing Ideas' on 20th July 2021.
- Department has conducted a webinar on the topic 'IT Trends and Next Step' on 26th February 2022. Mr. Paras Khandelwal, Sr. Associate, Price Water House Coopers was the resource person of the webinar.
- Dr. Rachna Somkunwar ,Associate Professor , Dr. D.Y. Patil Institute of Technology, Pune has delivered a Guest Lecture on 1st April, 2022.
- Teacher's day was organized through InfoQuest Forum and celebrated with great zeal on 5th September 2019.

Students Achivements:

- Ms. Palak P. Takkamore, Ms. Ritika S. Hedau , Mr. Suyash A. Bhandarkar are selected in Capgemini during campus placement drive.
- Ms. Pranjali Tadas, Mr. Aman B. Gaidhane, Mr. Suyesh K. Zalke, Mr. Shantanu P. Das are selected in Smart Data enterprises during campus placement drive.


IQAC coordinator

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

Professional Society Memberships: ISTE, IETE, IE (I) etc.

Faculty Achievements/Recognitions:

- Dr. P.S. Ashtankar was **appointed as Expert** for Seminar (C3) as a Part of Pre Phd course work RTMNU Nagpur, 25 April 2022
- Dr.P.S. Ashtankar delivered Talk on “**A Motive for NIRF**” at FDP on Role of Architects and Engineers in professional Edification dt 10-12 Feb 2022
- Dr. P.S. Ashtankar delivered expert lecture on “**What is Innovation**” at FDP on Innovation management organized by ATAL Academy , dt -8 september 2021
- Mrs. R. N. Suraskar has presented research paper on “**Design of Shell and Tube Heat Exchanger with Effect of Segmental of Baffles**” at National Conference on ‘Emerging Trends and Challenges’ organized by Mechanical Engineering, Kavikulguru Institute of Technology and Science, Ramtek , **date** -16.09.2021.
- Mrs. S. S. Malode has presented research paper on “**Development of Assistive Platforms for the Disabled Using Brain Signatures**” at IEEE India Council International Subsections Conference (INDISCON) 24 August 2021
- Mrs. S. S. Malode has presented research paper on “**Categorization of EEG Using Hybrid Features and Voting Classifier for Motor Imagination**” at IEEE International Conference on Recent Trends on Electronic, Information, Communication and Technology (RTEICT) , dated 27.08.2021 to 28.08.2021
- Mrs. S. S. Malode has published research paper on “**Comparison of Methods for EEG Channel Selection for MI task**” at Journal of emerging technology and innovative research (ISSN : 2349-5162), Volume 9 Issue 1 , January-2022

Activities of the Department:

- The department has organized Alumni Day Celebration -2022 and **Interactive session** for final year students with alumni was organized. Mr. Akshay Kulkarni guided students for their bright future 16 January 2022

Industrial Visit:

- 6th semester students visited Maharashtra State Power Generation Co.Ltd., Thermal Power station Khaperkheda on 23 April 2022.



IQAC Coordinator

ELECTRICAL ENGINEERING DEPARTMENT

Professional Society Memberships:ISTE,IE(I)

Faculty Achievements/Recognitions:

- Dr. Snehal P Pachpor received “**Best Paper Award**” at 2nd International Conference Green & Sustainable Development held at Government Polytechnic, Nagpur on 28th -29th Jan.’2020.
- Dr. Snehal P Pachpor appointed as a **paper setter and moderator** for BE VII sem EL Engineering for the subject of Electrical Power System-II by R.T.M.N.U. Nagpur (Winter 2021).
- Mr. Shripad K. Ksheersagar participated and a member of **syllabus formation committee of 3rd and 4th sem. Electrical Engineering** as per the guidelines for designing curriculum of Engineering and Technology as per AICTE norms(160 credit model)
- Mr. Shripad K. Ksheersagar appointed as a **paper setter** for BE III sem EL Engg for Network Analysis subject by R.T.M. N.U. Nagpur (Winter 2021).
- Mrs. Shilpa P. Ashtankar appointed as a **paper setter** for BE VII sem EL Engineering for the subject of Flexible AC Transmission System(FACTS-EL-I) by R.T.M.N.U. Nagpur (Winter 2021).
- Mrs. Shilpa P. Ashtankar published a paper titled “**Ripple Investigation of Sliding Mode Control for Grid-Tied 1-Phase QZSI**” in IEEE Innovations in power and advanced computing Technologies(i-PACT) international conference at Kuala Lumpur, Malaysia on 27-29 Nov.2021.
- Mrs. Shilpa P. Ashtankar published a paper titled “**Fuel Cell Based DC-AC Single Phase QZSI for Low Voltage Grid Utility**” in IEEE International Conference for Advancement in Technology at Goa on 21-22 Jan.2022.
- Mrs. Shilpa P. Ashtankar carried out the **review of research manuscript “ A Review on different topologies of Artificial Intelligence Techniques integrate with smart grid”** for an international conference on “Recent Advances in Materials, Manufacturing and Machine Learning (RAMMML-2022)” organized by the department of Mechanical Engineering at Yeshwantrao Chavan College of Engineering, Nagpur scheduled on 26-27 April 2022.

- Mrs. Shilpa P. Ashtankar carried out the **review of research manuscript “Performance Analysis of Conventional Inverters Driven SVM-PMSM Drive”** for an international conference on “Recent Advances in Materials, Manufacturing and Machine Learning (RAMMML-2022)” organized by the department of Mechanical Engineering at Yeshwantrao Chavan College of Engineering, Nagpur scheduled on 26-27 April 2022.

Activities of the Department:

- The guest lecture delivered by Mr. Aniruddhakalbande, founder and leader trainer at Fireblaze Technologies private limited, Nagpur who has been invited as a chief guest for the inaugural ceremony conducted by Electricons forum of Electrical department on 20th Oct. 2021 at KITS, Ramtek.
- The alumni of Electrical dept. Mr. Amol Gedam, Ph.D. scholar at IIT Ropar (2013 batch) delivered talk on “**Power Converter and control strategies for renewable energy grid connected inverter**” conducted on 16th Jan. 2022.
- Teacher’s day was celebrated by Electricon’s forum of Electrical department on 5th Sep. 2021.

Students Achievements:

- Vaibhav Singh (EL15025) achieved a **GATE Score of 570** in GATE 2019 Examination.
- Abhishek Wadibhasme (EL16002) and Shubham Waghmare (EL16016) have **developed an Ultra-Violet (UV) based sanitizing machine for COVID-19 and donated to Old Police Station Kamptee for the social use.**
- Abhishek Thakare (EL18005) achieved **First rank in Quiz competition held at Ek Bharat Shreshth Bharat VII camp** during 16th April 2021 to 21st April 2021.
- Ms. Sneha D. Damahe placed in Cognizant company.
- Mr. Dikshant H. Bhombel placed in Cognizant company
- Ms. Anuja A. Dongre placed in Infosys company
- Mr. Arbaj S. Akbani placed in Amazon company
- Ms. Nehakumari A. Hirekhan placed in Ampcus Tech Pvt. Ltd. Company.
- Mr. Abhishek S. Wadibhasme placed in Byju’s Company
- Mr. Mayur R. Gongle placed in TCS Company.
- Mr. Shubham D. Waghmare placed in Wipro Company.

- Ms. Shrushti S. Vinchurkar placed in Wipro Company.
- Mr. Chetan S. Dhande placed in Brigosha Technologies Company.

Industrial Visit:

- 6th semester students of Electrical Engineering Department visited the Khaparkheda Thermal power station on 27/04/2022.


IQAC Coordinator

ENGINEERING SCIENCES AND HUMANITIES (ESH) DEPARTMENT

Professional Society Memberships: ISTE, ISCA

Professional Activities: Dr. K. Gajanan. Associate Professor of chemistry, has authored a chapter of “ Nanomaterials in waste water treatment ” of “ The Science of Nanomaterials ” a text book, during 2021-22, by Apple academic press , USA.

Consultancy Activities : 01

The Department of ESH (Analytical Chemistry lab.) has sanctioned with the R & D Project and testing and consultancy activities with Gyan Enviro, Nagpur w.e.f. Dec 2021.

Faculty Achievements/Recognitions:.

- **Faculty Achievements**

Dr. S. S. Pokley supervised a research scholar and awarded Ph. D. degree in 2021 at Gondwana University, Gondwana.

Activities of the Department:

Papers Published:

- Dr. Sharad S. Pokley published a paper “**Applications of game theory model using regression for the graph analytics parameters of the social networking**” Vol. 9, issue 7, ISSN 2394-4099 of International Journal of Science Research in Science, Engineering and Technology on dated 07 Oct 2021.
- Mr. Siva Prasad published a paper “**Numerical approach for differential-difference equation having layer behavior with small or large delay using non-polymer spline**” Springer journal on dated 18 Aug’2021 Online.
- Mr. Shivacharan Thakre published a paper “**Time fractional heat transfer analysis in thermally sensitive functionally graded thick hollow cylinder with internal heat source and its thermal stress**” Journal of Physics conference series during 2021.
- Mrs. Jyoti S. Badwaik has published reach paper entitled “**The Role of Graphs in Multiple Disciplines in Computer Science**” in the International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), Volume 9, Issue 6, September-October-2021.

Conferences Attended:

Dr. K. Gajanan :

- Attended National webinar on “Radiation Technology – A versatile tool for multifaceted applications” on 4th Sep. 2021. This webinar was organized by Indian society of analytical scientists (ISAS) in association with Department of Chemistry, Shri. Ramdeobaba College of Engg. & Management, Nagpur.
- Attended and presented a paper at National conference on “Emerging trends and challenges in Mechanical Engg. organized by Dept. of Mechanical Engg. under internal quality assurance cells, KITS on 16th Sep. 2021.
- Delivered a session talk in One week short term training program (STTP) on “ Conservation of energy, water and environment - present and future” from 7th to 11th March 2022 organized by Mechanical Department, KITS, Ramtek and sponsor by S2 infotech international ltd., Mumbai.

Mr. Siva Prasad :

- Attended five days national level faculty development program on “Recent trandes in Mathematics” organized by Dept. of Mathematics & Statistics Bhavan’s Vivekanand College, Secundarabad from 14th to 18th Feb. 2022.
- Participated and presented a paper entitled “Trigonometric Spine method for boundary layer differential difference equations with mixed shifts” in First international conference on “Essence on mathematics and Engineering Applications during 29th to 30th Dec. 2021.

Dr. U.B. Hatwar :

- Attended one week faculty development program online on “ Innovations in applied research for Science & Technology” organized by Dept. of Basic Science and Humanities at KDK college of Engineering, Nagpur during 11th to 18th Oct. 2021.

Mr. Y.G.Bakale :


- Attended National e-conference on “ Role of Nanotechnology for sustainable future” in association with AUCTA, Amravati organized by Dept. of Chemistry, Shri Shivaji Science & Arts college, Chikhali on 31st Aug. 2021.

Mr. Shivacharan Thakre :

- Attended international conference on “ Advancement in Science Technology & Management” and presented research paper titled “Thermal response of thick circular plates with internal heat sources in a time fractional frame organized by S.B. Jain Institute of Technology, Management and Research, Nagpur on 23rd to 24th Dec.2021.

Mrs. Jyothi Badwaik :

- Attended and presented research paper entitled “ The role of graph disciples in Computer Science” in National e-conference on recent innovative research in Mathematics” organized by Dept. of Mathematics, Indira Gandhi Kala Mahavidyalaya, Ralegaon on 28th Sep. 2021.
- Attended two days National conference on “Recent trends in Mathematical Modeling, Simulation methods, computational and physical sciences” organized by Hislop College of Nagpur on 8th to 9th Sep. 2021.
- Attended online workshop on “ICT for online teaching learning using TEACHMINT APPLICATION conducted by IQAC, Priyadarshani College of Engg., Nagpur on 27th Aug. 2021.


IQAC Coordinator

ARCHITECTURE DEPARTMENT

Professional Society Memberships: COA, IIA, ITPI, Indian Institute of Valuers

Faculty Achievements/Recognitions:

- Mr. Vinod B. Maheshwari has published a Book on “**Encyclopedia of land laws with court Judgements**” (2021) on dated 14th September 2021.
- Mrs. Anjali V. Narad has been acknowledged with Certificate for “**Nagaon Village Documentation**” by Group Grampanchayat Nagaon, Alibagh, Raigad Dist., Maharashtra on dated 25th March 2022.
- Mrs. Kalpana R. Thakare has worked as a Coordinator and successfully completed the FDP (Faculty Development Programme) under IQAC on “**Role of Architects and Engineers in Professional Edification**” during February 10th to 12th, 2022.
- Mrs. Anjali V. Narad has been awarded with Best Paper Presentation under International Conference on “**Smart Villages: Technology for Sustainable Development**” (IC-SVTSD 2021) organized by Government Poly technique College, Sakoli, Maharashtra during 25th & 26th November 2021.
- Mrs. Kalpana R. Thakare has given expert presentation on “**Importance of Engineering and Architecture professionals in a society**” on February 11th, 2022 in FDP (Faculty Development Programme) under IQAC during February 10th to 12th, 2022. .
- Mrs. Anjali V. Narad has given expert presentation on “Role Of Architects and Engineers In Professional Edification” and also given presentation on topic “**Design Thinking Process in Architecture and Engineering**” on February 12th, 2022 in FDP (Faculty Development Programme) under IQAC during February 10th to 12th, 2022.
- Mrs. Anjali V. Narad has been recognized for her work as “**The Head of Anchoring, Invitation and Stage Decoration Committee**” in FDP (Faculty Development Programme) under IQAC on “Role of Architects and Engineers in Professional Edification” during February 10th to 12th, 2022.
- Mr. Pratik P. Purkar has been recognized for his work as “**The Head of Technical and Photography Committee**” in FDP (Faculty Development Programme) under IQAC on “Role of Architects and Engineers in Professional Edification” during February 10th to 12th, 2022.

- Mr. Kantesh I. Hande has **Won First Prize for a painting Contributed in “Kala Mani Art Exhibition”** held during 07th -25th October 2021 organized by A unit of Satya Global at New Delhi.

Conferences / Seminars / Webinars / Workshops / FDP / STTPS by Faculty:

- Mrs. Kalpana R. Thakare has Participated in 3 Days National Level Workshop on **“Innovative Technologies To Improve Quality Of Teaching & Learning”** Organized by Internal Assurance Cell (s) GHRIET Nagpur & Accreditation Council (NAAC) during 04th - 06th April 2022.
- Mrs. Kalpana R. Thakare has participated in One Day webinar on **‘Matrushakti, Rashtrashakti’** under **‘Gender Equality Today For Sustainable Tomorrow’** organised by Rashtrasant Tukadoji Maharaj Nagpur University, UCG-Human Resource Development Center on 26th March 2022.
- Mrs. Anjali V. Narad has attended 5 days workshop on **“Sustainability in Architecture: Innovation & Implementation”** held on 19th -23rd March 2022 organized by Priyadarshini Institute of Architecture & Design Studies, Nagpur.
- Mrs. Kalpana R. Thakare (Kawathekar) has attended Faculty Development Program on **“Inovative Pedagogy”** organised by Rashtrasant Tukadoji Maharaj Nagpur University, UCG-Human Resource Development Center & Internal Quality Assurance Cell held from 14th -16th March 2022.
- Mrs. Anjali V. Narad has attended Faculty Development Program on **“Inovative Pedagogy”** organised by Rashtrasant Tukadoji Maharaj Nagpur University, UCG-Human Resource Development Center & Internal Quality Assurance Cell held from 14th -16th March 2022.
- Mrs. Kalpana R. Thakare (Kawathekar) has participated in one week short term training program on **“Conservation of Energy, Water And Environment – Present And Future”** organized by under IQAC, Department Of Mechanical Engineering , K.I.T.S, Ramtek from 7th -11th March 2022.
- Mrs. Anjali V. Narad has participated in one week short term training program on **“Conservation of Energy, Water And Environment – Present And Future”** organized by under IQAC, Department of Mechanical Engineering, K.I.T.S, Ramtek from 7th -11th March 2022.

- Mr. Pratik P. Purkar has participated in one week short term training program on **“Conservation Of Energy, Water And Environment – Present And Future”** organized by under IQAC Department of Mechanical Engineering , K.I.T.S, Ramtek from 7th -11th march 2022.
- Mrs. Prerana Gaikwad has participated in one week short term training program on **“Conservation of Energy, Water And Environment – Present And Future”** organized by under IQAC Department of Mechanical Engineering , K.I.T.S, Ramtek from 7th -11th March 2022.
- Ar. Mrugakshi Wadichar has participated in one week short term training program on **“Conservation of Energy , Water And Environment – Present And Future”** organized by under IQAC Department of Mechanical Engineering , K.I.T.S, Ramtek from 7th -11th March 2022.
- Ar. Ruchita Bhagat has participated in one week short term training program on **“Conservation of Energy , Water And Environment – Present And Future”** organized by under IQAC Department of Mechanical Engineering , K.I.T.S, Ramtek from 7th -11th March 2022.
- Ar. Uday O. Ghawghave has participated in one week short term training program on **“Conservation of Energy , Water And Environment – Present And Future”** organized by under IQAC Department of Mechanical Engineering , K.I.T.S, Ramtek From 7th -11th March 2022.
- Ar. Bhavana Raut has participated in one week short term training program on **“Conservation f Energy , Water And Environment – Present And Future”** organized by under IQAC Department of Mechanical Engineering , K.I.T.S, Ramtek from 7th -11th March 2022.
- Mrs. Anjali V. Narad has participated in training program **“Archi- Nari – A Women’s Perspective in Architectural Capacity Building”** from 08th -11th March 2022 sponsored and organized by Council of Architecture (COA-TRC), Pune.
- Mrs. Anjali V. Narad has completed the Faculty Development Program on **“Intellectual Property Rights in Architecture and Design”** held at M.I.T.S Gwalior from 21st -25th February 2022.
- Ar. Ruchita Bhagat has completed the Faculty Development Program on **“Intellectual Property Rights in Architecture and Design”** held at M.I.T.S Gwalior from 21st -25th February 2022.

- Ar. Uday O. Ghawghave has completed the Faculty Development Program on **“Intellectual Property Rights in Architecture and Design”** held at M.I.T.S Gwalior from 21st -25th February 2022.
- Mrs. Anjali V. Narad participated in **“Heritage Walk at Masonic Lodge (Freemason’s Hall)”** conducted on 20th February 2022 organized by INTACH Nagpur Chapter.
- Ar. Pratik P. Purkar participated in **“Heritage Walk at Masonic Lodge (Freemason’s Hall)”** conducted on 20th February 2022 organized by INTACH Nagpur Chapter.
- Ar. Mrugakshi Wadichar participated in **“Heritage Walk at Masonic Lodge (Freemason’s Hall)”** conducted on 20th February 2022 organized by INTACH Nagpur Chapter.
- Ar. Ruchita Bhagat participated in **“Heritage Walk at Masonic Lodge (Freemason’s Hall)”** conducted on 20th February 2022 organized by INTACH Nagpur Chapter.
- Ar. Uday O. Ghawghave participated in **“Heritage Walk at Masonic Lodge (Freemason’s Hall)”** conducted on 20th February 2022 organized by INTACH Nagpur Chapter.
- Ar. Bhavana Raut participated in **“Heritage Walk at Masonic Lodge (Freemason’s Hall)”** conducted on 20th February 2022 organized by INTACH Nagpur Chapter.
- Mrs. Sangeeta Zanwar has successfully completed the Faculty Development Program under IQAC on **“Role of Architects and Engineers in Professional Edification”** organized by Department Of Architecture, K.I.T.S, Ramtek during 10th -12th February 2022..
- Mrs. Anjali V. Narad has successfully completed the Faculty Development Program under IQAC on **“Role of Architects and Engineers in Professional Edification”** organized by Department Of Architecture, K.I.T.S, Ramtek during 10th -12th February 2022.
- Ar. Pratik P. Purkar has successfully completed the Faculty Development Program under IQAC on **“Role of Architects and Engineers in Professional Edification”** Organized by Department of Architecture, K.I.T.S, Ramtek during 10th -12th February 2022.
- Mrs. Prerna Gaikwad has successfully completed the Faculty Development Program under IQAC on **“Role of Architects and Engineers in Professional Edification”** organized by Department Of Architecture, K.I.T.S, Ramtek during 10th -12th February 2022.
- Ar. Mrugakshi Wadichar successfully completed the Faculty Development Program UNDER IQAC on **“Role of Architects and Engineers in Professional Edification”** organized by Department Of Architecture, K.I.T.S, Ramtek during 10th -12th February 2022..
- Ar. Ruchita Bhagat has successfully completed the Faculty Development Program under IQAC on **“Role of Architects and Engineers in Professional Edification”** organized by Department Of Architecture, K.I.T.S, Ramtek during 10th -12th February 2022.

- Ar. Uday O. Ghawghave has successfully completed the Faculty Development Program under IQAC on **“Role of Architects and Engineers in Professional Edification”** organized by Department Of Architecture, K.I.T.S, Ramtek during 10th -12th February 2022.
- Ar. Bhavana Raut successfully completed the Faculty Development Program under IQAC on **“Role of Architects and Engineers in Professional Edification”** organized by Department Of Architecture, K.I.T.S, Ramtek during 10th -12th February 2022..
- Mr. Kantesh I. Hande has successfully completed the Faculty Development Program under IQAC on **“Role of Architects and Engineers in Professional Edification”** organized by Department Of Architecture, K.I.T.S, Ramtek during 10th -12th February 2022.
- Ar. Pratik P. Purkar has participated in **“Heritage Walk at Sakkardara Heritage Precinct”** conducted on 6th February 2022 organized by INTACH, Nagpur Chapter.
- Mrs. Anjali V. Narad has attended one day webinar on **“Patent Awareness”** Organized by Dr. D Y Patil College of Architecture, Akurdi, Pune on 21st January 2022.
- Ar. Pratik P. Purkar has attended one day webinar on **“Patent Awareness”** Organized by Dr. D. Y. Patil College of Architecture, Akurdi, Pune on 21st January 2022.
- Mrs. Kalpana R. Thakare has attended 5 day Faculty Development Program on **“Transportation Geotechnics And Materials For Sustainable Infrastructure” (TGMSI-2021)** held online from 13th -17th December 2021 by Swami Keshvanand Institute of Technology, Management And Gramothan, Jaipur.
- Mrs. Kalpana R. Thakare has attended 5 day national online Faculty Development Program on **“SDG 11: Safe & Affordable Housing & Sustainable Transport Systems In India”** from 06th -10th December 2021 organized by Council Of Architecture Training & Research Center , Bhopal In Association with The Oxford School Of Architecture, Bengaluru.
- Mrs. Kalpana R. Thakare attended AICTE sponsored QIP short term course on **“Smart Cities: Opportunities and Challenges”** from 25th -30th October 2021 conducted online by Civil Engineering Department NITTTR, Chandigarh .
- Mr. Kantesh I. Hande **participated by sending a painting in “Kala Mani Art Exhibition”** held on 07th -25th October 2021 organized by A unit of Satya Global at New Delhi.
- Mrs. Kalpana R. Thakare attended AICTE sponsored short term course on **“Traffic Flow Modelling” (TFM 2021)** on dated 26th -30th July 2021 organised by School Of Infrastructure Indian Institute Of Technology Bhubaneswar, Odisha, India .

Activities of the Department:

- **Poster Making Competition** is organized by Department for 9th to 11th STD students from Ramtek local schools and junior colleges during 14th to 17th March 2022.
- Prof Vinod B. Maheshwari has been **guiding 9 MPSC Aspirants** (Alumni, Department of architecture) for the subject Town Planning -AITP from Dated 1st February 2022
- One **Faculty Development Programme** under IQAC is organized by Department of Architecture, Kavikulguru Institute Of Technology And Science , Ramtek in an Online and Offline (Hybrid Mode) from February 10th to 12th , 2022.
- **More than 20 nos participants, Architects and Engineers have been benefited from the FDP.** They include- Mrs. Anjali n. Narad, Mr. Pratik P. Purkar, Ms. Mrugakshi Wadichar, Ms. Ruchita Bhagat, Mr. Uday Ghawghave, Mr. Kantesh Hande, Mrs. Prerna Gaikwad ,Ms. Bhavana Raut, Mrs. Ankita Nathe, Mrs. Harshita Jain ,Mr. Gaurav Divtelwar, Mr. Dipayan Mandal, Mrs. Asmita Dharkar, Mrs. Sangeeta Zanwar, Mr. Ashwin Durga, Mr. Ameya Katole, Mrs. Shital Kathikar, Ms. Aishwarya Chaudhary, Mr. Ganesh Kumar, Mrs. Rupali Suraskar Participated in FDP.
- **12 Expert Lectures were presented during the FDP** by the experts namely - Dr. Avinash Shrikhande, Principal, Dr. R. K. Bopche, Dr. V. P. Mahatme, Dr. A. N. Dabhade, Dr. P. S. Ashtankar, Mrs. Kalpana R. Thakare , Dr. S. P. Chincholkar, Mr. Bhushan Deshpande, Dr. Satish Bhele, Dr. M. B. Mavale, Mrs. Anjali Narad and Mr. E. Siva Prasad in online and offline modes.
- Guest Lecture by Mrs. Kirti Bhosle Nikam, on title “**Relevance of Anthropometrics in Design**” was coordinated by Mrs. Kalpana R. Thakare on dated 15th January 2022.
- Workshop by Ar. Manisha Gotmare on title “**Green Building Rating System of India**” was coordinated by Mrs. Kalpana R. Thakare on dated 5th-6th February 2022.
- Guest lecture by Ms. Pakhee Kumar On title “**Process of Research from Selection of Topic**” on dated 24th September 2021 was coordinated by Mr. Kaushal Jajoo.
- Guest lecture by Mr. Ravi Nafade on title “**Innovations in ROB Construction For Fast & Safe Construction**” on dated 7th January 2022 was coordinated by Mrs. Kalpana R. Thakare.
- Workshop by Dr. Mr. Debashish Sanyal on title “Need of Smart City” on dated 8th-9th January 2022 was coordinated by Mrs. Kalpana R. Thakare.
- Guest lecture by Dr. Pratima Dhoke on tittle “**Fire Safety in Architecture**” On dated 15th January 2022 was coordinated by Mrs. Kalpana R. Thakare

Students Achievements:

- Ms. 'Utkarsha Dhapkas' has **secured 5th Rank in University** in Final Year B. Arch. Summer 2021 Examination.
- Miss. 'Utkarsha Dhapkas' awarded **Gold Medal by R.T.M.N.U in Summer 2021 Examination** for getting highest marks in Structural Design and Systems subject in B. Arch.
- 2 Students of B. Arch 3rd Year - Manasvi Sur, Aniket Dhote and 10 students from 2nd Year Snehal Kale , Vaidehi Kadu , Jidnyasa Agashe , Divya Gathole , Karishma Mungona , Ayush Bokde, Harsh Sahare, Mayor Upadhye, Sumit Sangole, Arpit Kshirsagar have worked on **“Lauri Baker Trophy under The NASA 2021 (National Association of Student of Architecture) and have got selected in Top 7 Entries In India”**.
- Anna John, Student of 4th year has participated in **“13th Prof : S.A. Deshpande Studio Design Competition 2021”** for 7th Semester Students of Architecture, students were shortlisted at Institute level in Competition and received participation certificate from IIA as appreciation. organized by IIA – Nagpur Centre,
- Laxmi Patil , Student of 4th year have participated in **“13th Prof : S.A. Deshpande Studio Design Competition 2021”** for 7th Semester Students of Architecture, students were shortlisted at Institute level in Competition and received participation certificate from IIA as appreciation. organized by IIA – Nagpur Centre.

Industrial Visit/ Site visit:

- Visit to Ramtek sites viz. Shri Shantinath Digambar Jain Mandir, Kumarika Devi Baoli, Karpur Baoli & Nagarjuna Stupa organized under the subject “History of Architecture” on dated 17/11/2021 conducted by Mrs. Kalpana R. Thakare for 3rd semester students.
- Site Visit to Atharva Nagari, Nagpur organized under the guidance of Ar. Anjali Narad, for 4th semester students under the subject Construction on dated 01/02/2022.
- Site Visit To Rajpuri village, Murud Tahsil, Dist.- Raigad, Organized under The Guidance of Mrs. Anjali Narad and Mr. Pratik Purkar supported by Mr. Uday Ghawghave, Ms. Mrugakshi Wadichar, Ms. Ruchita Bhagat, Ms. Bhavana Raut. For 4th semester & 6th semester students

under the subjects of Surveying and documentation & Architectural Appreciation on Dated from 22/03/2022 to 27/03/2022.

Industrial Training / Practical Training :

In total 26 students of B Arch 9th Semester and 25 students of 8th Semester have undergone Professional Training under the valid registered architects of India in different parts of the country such as New Delhi, Mumbai, Hyderabad, Kolkata, Bangalore, Pune, Raipur, Durg, Sikkim, Guwahati, Itanagar, Jodhpur, Surat, Gandhinagar, Bhopal, Indore, Jabalpur, Ahmedabad, Aurangabad, Wardha and Nagpur etc.




IQAC Coordinator

Name of the Forums/Club/Chapters/Associations:
 “National Service Scheme” activity report 2021-22
 Name of the Faculty In charge with affiliation:-Mr. Rajesh Parve

S. No	Date and Venue	Name of the Activity/Event /workshop	Brief description of the Activity/Event /workshop	Outcome from Activity/Event /workshop	No of Participants
1	11 th - October - 2021	Inaugural Ceremony of the forum and Webinar.	The forum was inaugurated and followed by a Chief guest lecture of Mr. Abhishek Dubey, Environment and Animal liberation Activists.	To introduce the office bearers selected for the session. Students got knowledge about the need of environment preservation. He also addressed importance of animal welfare.	120
2	22 nd - October- 2021	Oratorical Competition.	The program has presented participants with an academic speaking challenge that teaches important leadership qualities, the ability to think and speak clearly.	Students worked hard and prepared well to deliver speech, thus, most of them spoke well and they got positive responses from the audiences. This activity boosted their confidence.	70
3	29 th - October- 2022	Vaccination Camp.	Chief guest Dr.A.N. Shrikhande, Principal, KITS Ramtek The aim was to get all the eligible students and faculties vaccinated under the initiative of Government of Maharashtra – “Mission YuvaSwastha”.	Teaching faculty, subordinate staff and students were safely vaccinated under the initiative of Government of Maharashtra – “Mission YuvaSwastha”.	60
4	26 th November-2022	Celebration of “Constitution Day”.	Chief guest Dr.A.N. Shrikhande, Principal, KITS Ramtek Constitution Day (Samvidhan Divas), also known as “National Law Day” Constitution Day is celebrated to commemorate its adoption.	To spread awareness about the constitution day and planned a Pledge taking ceremony.	90
5	25 th – January- 2022	“National Voter’s Day” celebration & Various Competitions.	Chief guest Dr.A.N. Shrikhande, Principal, KITS Ramtek National Voter’s Day is celebrated as electoral literacy for stronger Democracy. (Jointly by Electrol Club & NSS)	To understand the importance of “Electoral Vote” in the democracy.	40

6	14 th , 15 th , 16 th - March - 2022	National Service Scheme Special Camp.	In this three day camp, various activity and awareness programs were implemented by 54 Volunteers. Activities like Tree Plantation, Swachh Bharat Abhiyan Awareness programs, Village survey, Medical camp, NukkadNatak on "Don't Drink And Drive" were organized by NSS.	Students learned social responsibility amongst society and inculcating values of self-discipline and selfless dedication towards community development.	54
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Mr. Rajesh Parve
NSS, In-charge


IQAC coordinator

Name of the Forums/Club/Chapters/Associations:
“NATIONAL CADET CORPS” activity report till 31/03/2022
 Name of the Faculty In-charge with affiliation: - B. Venkanna

S.No	Date and Venue	Name of the Activity/Event /workshop	Brief description of the Activity/Event /workshop	The outcomeofthe Activity/Event /workshop	No of Participants
01	15-08-2021	Independence Day celebrations	National Celebration	Escorting Chief Guest	5 cadets and 45 staff
02	28-11-2021	NCC Day and Online Quiz	NCC Day was celebrated and Quiz conducted on NCC	Awareness created about NCC among 43 cadets	43 cadets
03	10-12-2021	Homage Paid to Brave Hearts	Homage paid to brave hearts who died in the air crash on 8 th December 2021 by lighting candles	28 cadets prayed with a two-minute silence to keep their soulsresting in the peace	28 cadets
04	05-01-2022 to 11-01-2022	NCC Combined Annual Training Camp at KITS Campus	Training camp for cadets of two colleges	Basic Military Training	87 cadets
05	08-01-2022	Tree plantation	Trees were planted to reduce pollution	50 Trees were planted	87 cadets and 23 staff
06	08-01-2022	Army Day	Army Officers were felicitated	Cadets recognized the importance of the Army	87 cadets and 13 staff
07	26-01-2022	Republic Day Celebrations at KITS	National Celebration	Escorting Chief Guest	5 cadets and 75 staff


 IQAC Coordinator



B. Venkanna
 NCC Care Taker Officer
 KITS Ramtek

THE ACTIVITY CONDUCTED AT INSTITUTE LEVEL FOR THE ACADEMIC YEAR 2021-22

- The Kavikulguru Institute of Technology and Science, Ramtek has conducted Independence Day celebrations 15th August 2021.
- The Kavikulguru Institute of Technology and Science, Ramtek inaugurated the Computer Society of India (CSI) student chapter on 30th September 2021.
- The Kavikulguru Institute of Technology and Science, Ramtek inaugurated the Acquired computing methodological Engineers' forum on 30th September 2021.
- The Kavikulguru Institute of Technology and Science, Ramtek has inaugurated NSS Student Unit and followed by a Chief Guest lecture of Mr. Abhishek Dubey, Environment and Animal Liberation Activists on 11th October 2021.
- The Kavikulguru Institute of Technology and Science, Ramtek inaugurated the Institute of Electronics and Telecommunication Engineers on 12th October 2021 for the academic year 2021-22.
- The Kavikulguru Institute of Technology and Science, Ramtek inaugurated the Indian Society for Technical Education students chapter on 20th October 2021 for the academic year 2021-22.
- The Kavikulguru Institute of Technology and Science, Ramtek conducted Covid-19 vaccination camp under the initiative of Government of Maharashtra – “Mission Yuva Swastha” on 29th October 2021.
- The Kavikulguru Institute of Technology and Science, Ramtek formed the Election Literacy Board/Club in the institute on 18th Nov 2021.
- The Kavikulguru Institute of Technology and Science, Ramtek has inaugurated NCC Student Unit followed by NCC Day celebration on 21st November 2021

- The Kavikulguru Institute of Technology and Science, Ramtek conducted the Constitution Day (Samvidhan Divas), also known as “National Law Day” and Constitution Day on 26th November 2021.
- The Kavikulguru Institute of Technology and Science, Ramtek inaugurated the Institute of Electrical and Electronics Engineering student chapter on 26th November 2021 for the academic year 2021-22.
- The Kavikulguru Institute of Technology and Science, Ramtek has conducted NCC Day and Online Quiz on 28th November 2021
- The Kavikulguru Institute of Technology and Science, Ramtek has conducted a program on 10th December 2021 to paid homage to brave hearts who died in the air crash on 8th December 2021
- The Kavikulguru Institute of Technology and Science, Ramtek has organized NCC Combined Annual Training Camp from 05-01-2022 to 11-01-2022.
- The Kavikulguru Institute of Technology and Science, Ramtek has conducted Tree plantation on 08-01-2022 as a part of nurturing good habits to students on 08-01-2022.
- The Kavikulguru Institute of Technology and Science, Ramtek has conducted Army Day and felicitated few army officers for their service to Nation on 08-01-2022.
- The various departments of Kavikulguru Institute of Technology and Science, Ramtek has organized Alumni Day Celebration-2022 and Interactive **session** for final year students with eminent alumni of conducting departments on 16th January 2022.
- The Kavikulguru Institute of Technology and Science, Ramtek conducted National Voter’s Day to educate the students for maximum enrollment in the election voter list on 25th January 2022.

- The Kavikulguru Institute of Technology and Science, Ramtek has conducted Republic Day Celebrations on 26th January 2022.
- Nagpur Rural Traffic Police and Janakrosh NGO jointly organized a Traffic Awareness Program on 15th March 2022 at Kavikulguru Institute of Technology and Science, Ramtek.
- The Kavikulguru Institute of Technology and Science, Ramtek conducted the Maharashtra Diwas or Maharashtra Day on the 1st of May 2022.
- Valedictory function of all the forums, association, student chapters and units was held in Kavikulguru Institute of Technology and Science (KITS) Ramtek on 22nd April 2022.



IRAC Coordinator