

Department of Electronics and Communication Engineering

GOVERNMENT POLYTECHNIC KHAMGAON
(Under Directorate of technical Education, Maharashtra Government)



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VISION:

“Competently excellent man power developing department of the institute, imparting quality technical skills in Electronics and Communication Engineering and allied fields, catering to needs of industry and society.”

MISSION:

Department of Electronics and Communication Engineering is Committed to:

M1. Impart quality technical education through effective curriculum implementation using modern teaching learning process and engineering tools.

M2. Strive continuously for alignment of infrastructure and facilities with recent technological Developments.

M3. Catalyze industrial exposure and encourage skill up gradation of students, staff and faculties.

M4. Facilitate development of generic skills, social and environmental awareness and ethical values among the student along with professionalism and passion for lifelong learning.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS):

- **PEO1:** Provide socially responsible, environment friendly solutions to Electronics and Telecommunication engineering related broad-based problems adapting professional ethics.
- **PEO2:** Adapt state of the art Electronic and Telecommunication engineering broad-based technologies to work in multi-disciplinary work environments.
- **PEO3:** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

From Principal's Desk...



Dear Readers,

On behalf of the faculty, staff and students, I am pleased to welcome you to ET Department. Government Polytechnic Khamgaon is one of the leading technical institutes for diploma education in Vidarbha region, always strives for quality education since its inception. In the last six decades it has successfully nurtured the scientific temper, Professional Competence and Social Commitment among the budding techno

crats to find solutions to the problems and serve the global society. I congratulate HOD, faculty and staff of ET department for uploading updated SAR document of NBA and hence I am very much confident that Electronics and Communication Engg. Department is not far away from the prestigious NBA accreditation. Finally, I wish best of luck for all the team members for future publication.

Dr. Sameer S. Prabhune
Principal
G. P. Khamgaon

From HOD's Desk...



Dear Readers,

It is joyful moment to publish this issue of newsletter. I appreciate the department for such an initiative to provide a platform for communicating the innovative ideas of the students and faculty members. Newsletter is an excellent way for the students to publish their success stories, innovative ideas and findings. I strongly believe that this newsletter will reflect the academic achievement and departmental progress.

Department of Electronics and Communication Engineering welcomes young aspirants around the rural area of Buldhana District to shape their career by developing strong technical, analytical and communication skills.

This year is very important for department as NBA Accreditation team visits to our department on 17th to 19th March, 2023. NBA team visit is the result of everlasting hard work of all faculties, staff and students of the department. Motivation and support of head of the institute Dr. S. S. Prabhune acted as catalyst in expedition of NBA work. Insistence of Hon. Joint Director Dr. V. R. Mankar for NBA application and his constant encouragement and follow up maintained the momentum. Shri. S. V. Paranjape, Institute NBA coordinator needs special mention for his untired efforts in timely submission of SAR.

Shri. B. P. Deosarkar
Head of Department
Electronics & Comm. Engineering

Environmental Gallery

“One of the first conditions of happiness is that the link between man and nature shall not be broken.”

-- Leo Tolstoy

Our beloved HOD Shri. B. P. Deosarkar sir provides the opportunity to break out and try something different. **Environmental Gallery** is perfect example for the students to come forward to create awareness about nature. Department aims at nurturing the skills and upbringing of the hidden co-curricular talents. Cultural Board is inaugurated in the department by Hon. Principal Dr. S. S. Prabhune and B. P. Deosarkar (HOD, ET). Miss Rita kale Madam and final year students took efforts for environmental gallery.



Tree Plantation

On World Environment Day, Department of Electronics and Communication Engineering conducted a tree plantation drive. Around 25 saplings were planted during the drive by the students and staff of the department. All faculties and students of the department took the responsibility to look after the planted saplings.



Technical Paper presentation Competition “TECH_CMET- 2022”

75
आज़ादी का
अमृत महोत्सव

On the Occasion of 75th Anniversary
of Indian Independence

**Regional Level Online
Technical Paper Presentation
Competition**

TECH_CMET - 2022

DATE : 14 September 2022
APPROVED BY DTE


SPONSORED BY MSBTE


HOST INSTITUTE

Dr. Sameer S. Prabhune,
Principal,
Government Polytechnic, Khamgaon
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JOINTLY ORGANIZED BY

Government Polytechnic Khamgaon

 & 
Government Polytechnic, Washim

On the occasion of 75th Anniversary of Indian Independence, Government Polytechnic Khamgaon and Government Polytechnic Washim jointly organized A Regional Level Online Technical Paper presentation Competition “TECH_CMET- 2022” on 14th September, 2022.

The Technical Paper Presentation event hosted a total of 16 teams from varied engineering backgrounds, with an emphasis on the Electronics and Mechanical Engineering. The panel of judges includes Dr. Santosh B. Patil (Prof. ECE Dept – SSGMCE, Shegoan), Dr. Jayant Joshi (Sr. Lect. G. P. Nashik), Dr. Vivek Phate (Lect. G. P. Amravati), Shri. Mahesh Pingle (Lect. G. P. ambad). Five Groups from Electronics and Communication Department took part into the competition. **Shri. Dinesh Borude (LET)** readily took up the initiative to organize the Technical Paper Presentation event.

Rangoli Competition

The student of Electronics and Communication department participated enthusiastically in the Rangoli Competition organized on Engineers Day September 15, 2023. Rangoli is an ancient art and timeless tradition that is followed all over India. HOD Shri. B. P. Deosarkar sir said, “By organizing such competitions, students are introduced to our Indian culture. At the same time, skills of aesthetics, creativity and innovation can be developed amongst them.” Results for this event are:

1st Prize: Pallavi Bramhane and Dipali Gawande

2nd Prize: Sejal Patil and Vijaya Tayade

3rd Prize: Gauri Mate, Prathana Awachar and Dnyaneshwari Miskin



IEDSSA Competition

Inter Engineering Diploma Student's Sports Association (IEDSSA) is the state level platform to all the diploma students for increasing their sport's ability. In Academic Year 2022-2023, students from program have participated in various inter institute and national level events and won the prizes.



School Connect Program

MSBTE sponsored "School Connect program 2023-24" successfully organized & conducted by our department between 01Jan to 31 Jan 2023 in suburban region of Buldhana District. By this program expert faculties from our department and institute visited various schools for counselling, guiding and creating awareness among 10th class students and their parents about Scholarships, Technical education, various Diploma Courses and their Scopes in future etc. which is helpful to the students for selecting right path (branch) for bright future. The motto of this program is to make our students more skillful which is in line with "Digital India", the vision of our Honorable Prime Minister Shri Narendra Modi.



Faculty Development Program

A one-week Faculty Development program was organized by Department of Electronics and Communication engineering on **“Enhancing Quality in Technical Education through Outcome Base Education Philosophy and Awareness to NBA”** from Feb 06 to Feb 10, 2023. The program was sponsored by Directorate of Technical Education Mumbai. Dr. V. R. Mankar (Joint Director – Amravati Region) was the chief guest at the inaugural program. We are proud to announce that the FDP experienced an overwhelming response from faculties. A total of 27 participants registered for the FDP from various polytechnic colleges like G.P Amravati, G.P. Sakoli, G.P. Jalana, G.P. Murtizapur, G.P. Washim, GEOC Chandrapur.

During this event, eminent experts from Industry and academia guided the participants on various aspects of Outcome Base Education Philosophy and NBA. Also, the queries of the participants were well addressed by the speakers. The participants’ feedback claims that participants found this FDP quite beneficial. Many participants also requested to arrange similar FDPs in the future. A certificate was also issued to the participants who successfully completed the program. Shri. B. P. Deosarkar worked as a Chief coordinator for program. Below are the glimpses of the Faculty Development Program:

शासकीय तंत्रनिकेतनमध्ये आयोजित कार्यशाळेचे डॉ. मानकर यांच्या हस्ते उद्घाटन

खामगाव (का.प्र.)- येथील शासकीय तंत्रनिकेतन, येथे अभियांत्रिकी संस्थांसोठी आवश्यक असलेले मानकन मिळविण्यासाठी करताने लागलेल्या विषयावर, अशिक्षण देणारी महाराष्ट्र राज्य तंत्रशिक्षण संचालनालय मुंबईद्वारे आयोजित एकटा आठवड्याची कार्यशाळा ६ फेब्रुवारी २०२३ पासून सुरु झाली. संस्थेत शिक्षणविद्यया जाणाऱ्या अभ्यासक्रमांची गुणवत्ता तपासणी करून त्यांना नॅशनल बोर्ड ऑफ अॅक्रेडिटेशन नवी दिल्ली (राष्ट्रीय प्रमाणन मंडळ) द्वारे मानकन प्रदान केल्या जाते. या कार्यशाळेला महाराष्ट्र राज्य तंत्रशिक्षण संचालक डॉ. अभय वाघ, महाराष्ट्र राज्य परीक्षा मंडळाचे संचालक डॉ. विनोद मोहितकर, सहसंचालक डॉ. विजय मानकर व तंत्रशिक्षण उपसंचालक डॉ. धनपाल कांबळे हे संस्क्षक म्हणून लाभलेले आहेत. या कार्यशाळेचे उद्घाटन अमरावती

विभागाचे तंत्रशिक्षण सहसंचालक डॉ. विजय मानकर यांच्या हस्ते करण्यात आले. मंचावर यावेळेस डॉ. विजय मानकर यांचेसमवेत प्राचार्य डॉ. समीर प्रभुणे, मुख्य समन्वयक प्रा. भास्कर देवसरकर, सहसमन्वयक प्रा. गजानन पद्मणे, विभागप्रमुख यंत्र डॉ. अनंत ढोले व विभागप्रमुख संगणक प्रा. संदीप पराजपे विराजमान झाले होते.

यावेळी सहसंचालक डॉ. विजय मानकर यांनी संस्थेची मानकन का करून घ्यावे याचे महत्त्व विषय केले. प्राचार्य डॉ. समीर प्रभुणे यांनी शासकीय तंत्रनिकेतन खामगावच्या चढत्या

आलेखावरून माहिती दिली. डॉ. विजय मानकर यांना संस्थेतर्फे शाल, श्रीफळ, पुस्तक व स्मृतिचिन्ह प्रदान देवून सत्कार करण्यात आला. प्रास्तविक मुख्य समन्वयक प्रा. भास्कर देवसरकर यांनी केले, संचालन सहसमन्वयक प्रा. गजानन पद्मणे यांनी व आभार प्रदर्शन प्रा. अभय पाटील यांनी केले.

ही कार्यशाळा यशस्वी करण्यासाठी प्राचार्य डॉ. समीर प्रभुणे यांचे मार्गदर्शनाखाली संस्थेतील सर्व अधिकारी व कर्मचारी अथक परिश्रम घेत आहेत. या कार्यशाळेचा समारोप १० फेब्रुवारी २०२३ रोजी होणार आहे.



Phoenix Garden

The inauguration of the **Phoenix Garden** in the college campus was held on 6th February 2023. The Principal **Dr. S. S. Prabhune** and the Chief Guest **Dr. V. R. Mankar** (Joint Director – Amravati Region) inaugurated the unique **Phoenix Garden** prepared and maintained by staff and students of Electronics and Communication Engg. Dept. The eminent GPK alumni **Shri V. T. Atole** (I/C HOD Civil Engg) and **Shri S. R. Soni** (LCE) supported the development of garden. The garden is spread over front side of department. The chief guest congratulated faculties and students of Electronics Department on completing the project in record time.



Industry Expert Lectures

- Department of Electronics and Communication Engineering organized an Industry Expert Lecture entitled “**Future opportunities and scope for Electronics Diploma Engineer**” for final year students on 14th February 2023. The key speaker for this event was 2012 alumni Mr. Sopan Kadam, Sr Associate Software Engineer, Amazon Corporation (Washington DC).
- Department of Electronics and Communication Engineering organized an Industry Expert Lecture entitled “**A current industry trends in Electronics**” for final year students on 14th February 2023. The key speaker for this event was 2012 alumni Mr. Pankaj Dabhade, Software Engineer, Pune.



Celebration of Bollywood

Electronics and Communication Engineering Department turned into sets of the film not due to the film shooting because it was a Bollywood day. Bollywood has long influenced Indian society and culture as the biggest entertainment industry.

On February 25, department celebrated 'Bollywood Day', where students dressed as "iconic" characters from Bollywood films and performed like them. Students had a blast showing their talents on the stage which included dances and skits. Smt. A. P. Ahir Coordinates the event. Vedshri Morkhade (ET6I) won first prize for Padmavati, Sholay Group won Second prize while Urvashi Jadhao won third Prize. Students were seen having a fun day!!!



Thank You

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