



Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology
Baramati Dist. Pune



FOREWORD

We publish the quarterly activities organised in the campus and also the activities in which our students and faculty members participated in outside prestigious campuses. In this publication we give emphasis on our Faculty's engagement in research activities, training programs as well as students' achievements in various fields. Therefore, it gives us pleasure to publish before you our e-Newsletter of October 2021. During this period, our faculty members and students have involved with their keen interest in higher learning, research and training programs.

Our faculty also organised the sessions of interview techniques by experts from reputed institutes for all the students so that it should benefit students during the recruitment process. Our faculty also organised the workshop on German Language for all the students to make them aware about various opportunities available in India as well as outside. Many of our faculty worked as the reviewers for research journals of the National and International repute. Our faculty organised industrial visits for the students. Some faculty organised various workshops for the students which proved beneficial for the students. Industrial and educational visits were organised for the students so that they can get practical knowledge of their subjects.

Our faculty also organised guest lectures and workshops which were organised by faculty and professionals from outside. Our faculty also delivered the sessions on various Engineering areas and guided students from the outside institutes. Many of our faculty also participated in National Level Faculty Development Programs during this time. Participation in such FDPs and training programs helps them develop insights about teaching, learning and research.

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**EDITOR
AND
DESIGNER**

ANIL PATIL

**e-Newsletter****OCTOBER****2021****Dr. Anil Hiwarekar**

He worked as a reviewer for Punjab University Journal of Mathematics (Web of Science) September 2021. He also completed an AICTE ATAL Faculty Development Program on 'Guidance, Counselling, and Mentoring' at Doctor Harisingh Gour Vishwavidyalaya (A Central University) Sagar Madhya Pradesh during 20 to 24 September 2021. He also completed an AICTE ATAL Faculty Development on 'Information and Communication Technology in Education' at Dr. B R Ambedkar National Institute of Technology, Jalandhar during 9 to 13 August 2021.

Mr. Dinesh Zende

Mr. Dinesh Zende, Head of the Department of Artificial Intelligence and Data Science participated in the Hackathon - H<ckFest> organized by NASSCOM and FutureSkills Prime. He stood 16th in overall rank in the Hackathon.

Mr. Keshav Jadhav

He qualified SAP Global certification examination of 'Application Associate - SAP S/4HANA Production Planning and Manufacturing' on 11 August 2021. This certification examination validates the fundamental and core knowledge required of the SAP S/4HANA Manufacturing consultant profile. This certification is part of his PG Diploma in ERP sponsored by VPKBIET, Baramati.

Dr. Vipin Gawande

He delivered an expert lecture in AICTE-ISTE approved self-finance one-week online STTP on 'Techniques for Promoting Creativity and Innovation among Students' on 25 May 2021. This program was organised by the Department of Applied Science and Humanities, Dr. Rajendra Gode Institute of Technology and Research, Amravati. He also delivered a guest lecture on 'Engineering Graphics' on 28 July 2021 for First Year Engineering Students from P. K. Technical Institute, Chakan, Pune. He also worked as a reviewer for the 9th National Conference on 'Recent Development in Mechanical Engineering'. This conference was organised on 18 August 2021 by MES's College of Engineering, Pune in association with API Publisher, USA.

Dr. Manisha Lande

She delivered an expert talk on 'Research Methodology Workshop' on 16 September 2021. This workshop was organised by the Department of Mechanical Engineering, Nagpur Institute of Technology, Nagpur.

Mr. M. S. Gaikwad

He worked as a reviewer for 'Biofuels' Journal of Taylor and Francis during 20th -28th September 2021. Taylor and Francis Group recognized his hard work as a peer reviewer for safeguarding the quality and high standard of academic integrity in the research they publish. He also participated in 12 Hours of Faculty Development Program on 'Introduction to Python Programming'. The FDP was conducted by ICT Academy during 27 September 1 October 2021.

**e-Newsletter****OCTOBER****2021****Mr. Shrikant Mahadik**

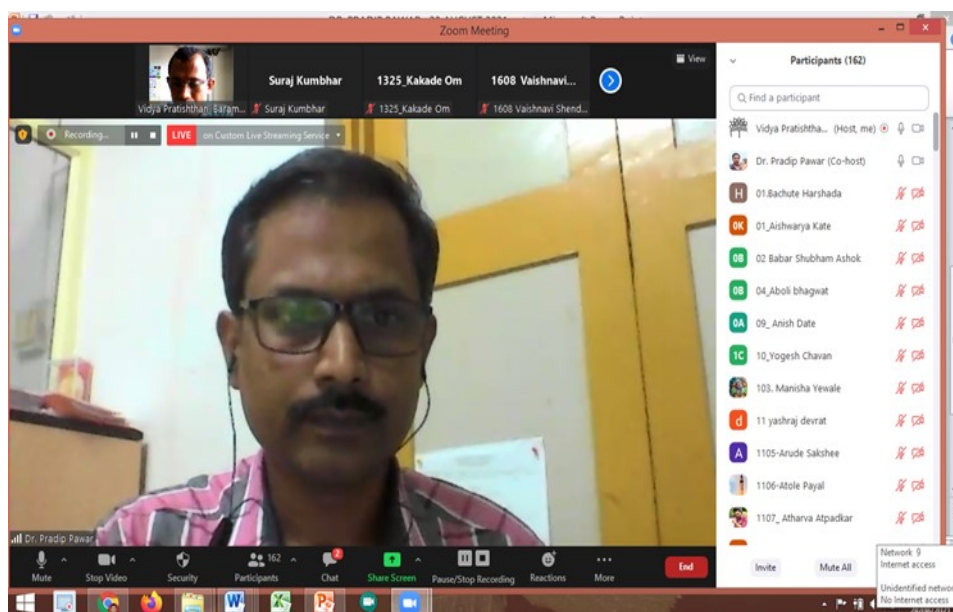
He completed an AICTE-ATAL Faculty Development Program on 'Industrial Robots for Future Factories'. This FDP was organised by National Institute of Technology, Puducherry in collaboration with ATAL Academy during 13 to 17 September 2021.

Dr. Nitin Shelke

Dr. Nitin Shelke contributed through the publication of book chapter on 'Synthesis and Characterisation of 2D Materials'. It was published in the book on Fundamentals and Super capacitor Applications of 2D Materials by Elsevier publisher.

INSTITUTE OR DEPARTMENT LEVEL PROGRAMS/WORKSHOPS ORGANISED**Mr. Anil Patil**

Anil Patil organised a session on **Interview Techniques** for our second, third and last year students during 3:00 to 5:00 pm on 28 August 2021. It was planned under the Centre for Enhancement of English and Foreign Languages (CEEFL). 170 students attended the session. The speaker, Dr. Pradip Pawar guided the students about basics of the interview process, types of interview and how to plan, prepare and practice for the interview. The session proved useful for the students.



Dr. Pradip Pawar delivering the session



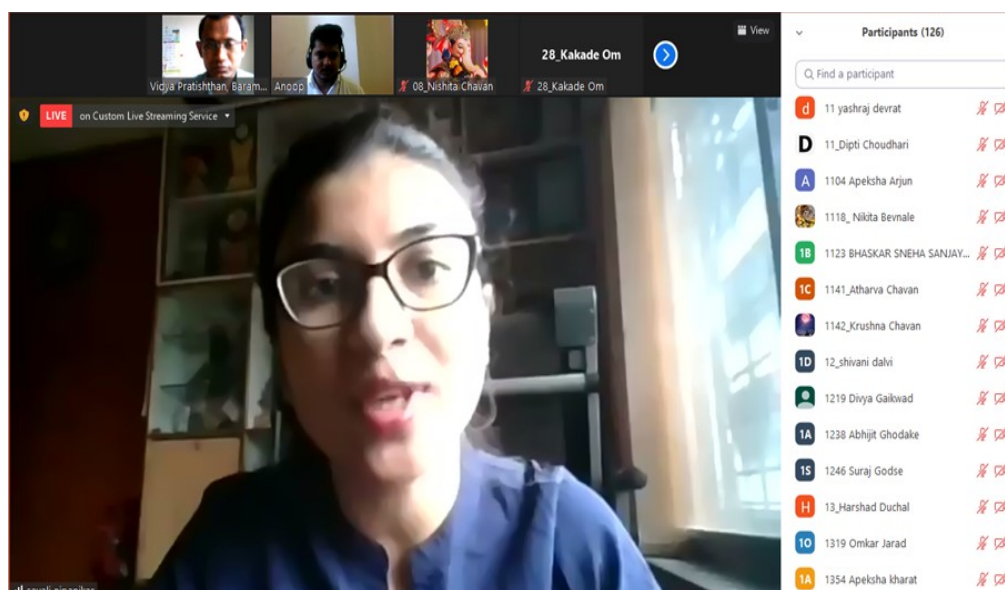
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Mr. Anil Patil

Anil Patil organised a **Workshop on German Language**. The workshop was organised under the Centre for Enhancement of English and Foreign Languages (CEEFL) on 25 September 2021. The participants for the session were second, third and last year students from VPKBIET, Baramati. The session was delivered by Mr. Sayali Nipanikar and Mr. Anoop Rode. They guided the students about the importance of German language, its scope and also provided drills on the language. They also discussed about various online platforms to learn the language and its certification programs. The students benefitted from the workshop conducted by the alumni of our Institute.

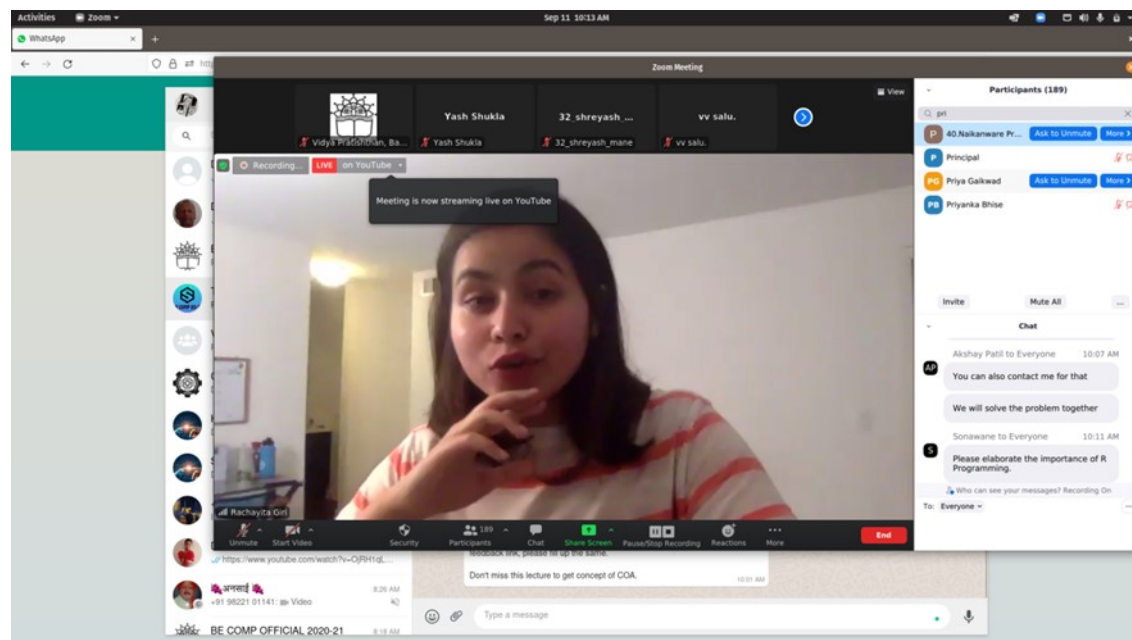


Ms. Sayali Nipanikar and Mr. Anoop Rode during the Workshop

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Department of Artificial Intelligence and Data Science organised an online interaction session on Higher Studies in USA. The session was organised on 28 August 2021. Mr. Akshay Patil (Alumni-VPKBIET, Baramati) Software Engineer at California, USA, discussed the various opportunities for higher education in the USA with main focus on guidelines on preparing for TOEFL/GRE and Interview Preparation for these examinations. He also emphasized on how to enhance logical and programming skills through the use of various online coding platforms like LeetCode. The program was specially organised for Second Year students. 50 students actively participated in the program and it proved beneficial for them. Mr. Digambar Padulkar coordinated the Program.


Department of Artificial Intelligence and Data Science organised a Webinar on 'Career in Machine Learning and AI'. The resource person for the webinar was Ms. Rachayita Giri (Senior Technical Consultant, Zuora, CA, USA). The webinar was organised on 11 September 2021. Ms. Rachayita discussed various avenues in Artificial Intelligence and Machine Learning. She mainly focussed on the importance of technical and interpersonal skills required for budding engineers. The Session was interactive wherein she highlighted her study and professional journey with opportunities in the field of Artificial Intelligence. Students and Faculty from Vidya Pratishthan's KBIET, Baramati participated in the program. 170 participants participated in the program. The webinar proved extremely beneficial for them. Mr. Digambar Padulkar coordinated the Program.



Ms. Rachayita interacting during the Session

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Department of Mechanical Engineering, on the occasion of Engineer's Day organized an 'Interactive Session on Opportunities Abroad' on 15 September 2021. Mr. Mahesh Charudatta Baravkar (Alumni, 2009 Batch), Mr. Karan Prabhakar Jadhav (Alumni 2019 Batch) and Ms. Jui Vitthal Kharade (Alumni, 2019 Batch) interacted with the students and provided information about opportunities abroad for higher education and career.

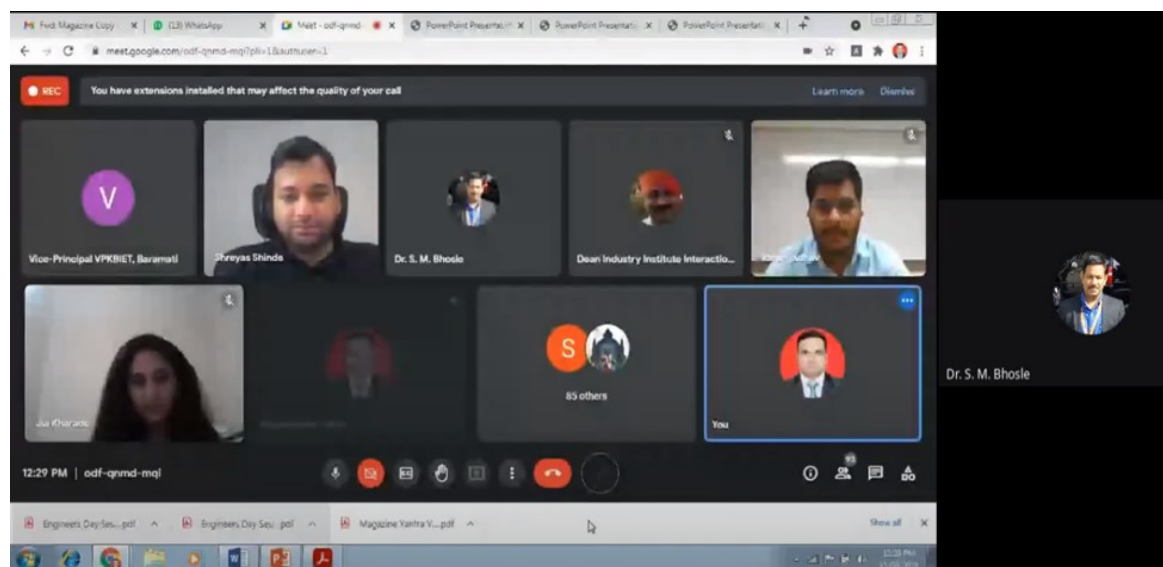
**VIDYA PRATISHTHAN'S
KAMALNAYAN BAJAJ INSTITUTE OF
ENGINEERING & TECHNOLOGY, BARAMATI**

On the occasion of
ENGINEER'S DAY

Department of Mechanical Engineering
is organizing an
Interactive session on Opportunities Abroad

		
Mahesh Charudatta Baravkar Technical Risk Analysis Moderator M.Engg Electrical Engineering & Informatics, Technical Hochschule Ingolstadt University, Germany.	Karan Prabhakar Jadhav M.S. Automotive controls Michigan Technological University Houghton, United States	Jui Vitthal Kharade M.S. Mechanical University of Texas Rio Grande Valley, Edinburg, TX, United States

Schedule: 15 Sept. 2021, Wednesday, 11.15 am on Google Meet



Mr. Mahesh Baravkar, Mr. Karan Jadhav and Ms. Jui Vitthal Kharade during the Session

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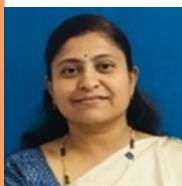
Department of Electronics and Telecommunication Engineering organized an online session on 'Recent Trends and Opportunities in Telecommunication Industries'. The program was conducted on 25 September 2021 in association with Center of Microwave and Communication System. The session was delivered by an industry expert Mr. Amol Shinde, Quality Assurance TECH Lead (Engineering) Cisco Systems Ltd. Mr. Amol Shinde discussed various aspects during the session. 50 students attended the session and actively participated in the discussion.

The program covered the areas such as 3G, 4G and 5G architecture and their differences. It also covered 5G new concepts, software defined networking, virtualization, cloud native, containerization in cloud computing. The speaker also discussed the recent trends like 5G, AI/ML, IoT, Automation, virtualization/cloud, public cloud and containerization in cloud computing. He emphasized the importance of the required skills, recent trends and motivated the students to grab opportunities in the telecommunication industries.

FACULTY PARTICIPATED IN WORKSHOPS/CONFERENCES AND FDPS COMPLETED**Dr. Anil Disale**

Dr. Anil Disale completed an ATAL Academy FDP on 'Non Destructive Testing and Evaluation' during 26 July to 30 July 2021. The program was organised by National Institute of Technology, Srinagar.

He also completed an ATAL Academy FDP on 'Personal Effectiveness' during 21 to 27 August 2021. The program was organised by PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur. He also participated in a One-Day Online Workshop on 'How to Conduct the Student Induction (SIP) Program' on 20 September 2021. The workshop was organized by All India Council for Technical Education (AICTE).

Dr. Aparna Sajjan

She completed five-day AICTE Training And Learning (ATAL) Academy Faculty Development Program on 'Redemption from Plastic Pollution: Indian Railways' during 5 July to 9 July 2021. It was organised by National Rail and Transportation Institute.

She also completed the Faculty Development Program on 'Plastic Waste Management: Challenges and Opportunities' during 23 to 27 August 2021 and it was organised by Central Institute of Petro-Chemicals Engineering and Technology. The FDP proved useful for her as various NGOs and start-up industries guided the participants regarding plastic waste management.

**e-Newsletter****OCTOBER****2021****Mr. Anil Patil**

Anil Patil completed a Five-Day Faculty Development Program on Creative Thinking. The program was organised by ICT Academy during 16 to 20 November 2021. The resource person for the program was Dr. Simi Kalakamb. The Faculty Development Program proved useful for him.

Dr. Nitin Shelke

He completed a Faculty Development Program on 'Novel Materials and their Applications'. The FDP was organized by Maharaja Ranjit Singh Punjab Technical University, Bathinda during 19 to 23 July 2021. The FDP was conducted for faculties of various areas to make them aware of the novel materials and their applications in different fields.

He also completed 'Non-Destructive Testing and Evaluation. It was organized by the National Institute of Technology, Srinagar during 26 to 30 July 2021. The purpose of the FDP was to make teachers aware of the various non-destructive testing methods.

He also completed a Faculty Development Program on 'Personal Effectiveness. It was organized by the PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur during 23 to 27 August 2021. He also completed the FDP successfully under AICTE Training and Learning (ATAL) Academy. The FDP was conducted for faculties to be aware of the various non-destructive testing methods.

Ms. Gauri Bhoite

Ms. Gauri Bhoite completed the AICTE-ATAL Faculty Development Program on Mathematics for Data Sciences. The FDP was organised during 26 to 30 July by Kumaraguru College of Technology. She also completed the AICTE-ATAL Faculty Development Program on 'Personal Effectiveness' during 23 to 27 August 2021

and the FDP was organised by PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur.

She also completed a two-week Refresher Course in Mathematics with grade A. The Refresher Program was organized by Department of Mathematics, Ramanujan College during 31 August 14 September 2021.

Ms. Supriya Ghadage

She completed an AICTE-ATAL Faculty Development Program on 'Mathematics for Data Sciences' from 2021-07-26 to 2021-07-30 at Kumaraguru College of Technology. They conduct exam on mathematics for data science. She also attended a Webinar on 'How to Write an Effective Research Funding Proposal' on 30 September 2021. It was organised by Department of Civil Engineering in

association with Center for Analysis and Design of Industrial Structures and Research and Development Cell of Vidya Pratishthan's KBIET, Baramati.

**e-Newsletter****OCTOBER****2021****Mr. Pravin Dhandore**

He completed an AICTE-ATAL Faculty Development Program on 'Recent Advances in Mechanical Engineering Design'. The Faculty Development Program was conducted by Bharati Vidyapeeth (Deemed to be University) College of Engineering in collaboration with ATAL Academy during 20 to 24 July 2021.

Mr. Avinash Kolekar

He completed an AICTE-ATAL Faculty Development Program on FDP on 'Framework for Online Assessment'. This FDP was conducted by National Institute of Technical Teachers Training and Research in collaboration with ATAL Academy during 16 to 20 August 2021.

Mr. Dadasaheb Rupanwar

He completed an AICTE-ATAL Faculty Development Program on FDP on participated and completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on 'Research and Innovation with 3D Printing'. This FDP was conducted by Government College of Technology in collaboration with ATAL Academy during 2 to 6 August 2021.

INDUSTRIAL AND INTERNSHIP VISITS OR GUEST LECTURES ORGANIZED

Dr. S. M. Bhosle (HoD, Mech. Engg.), Dr. P. R. Chitrakar (Dean, Alumni Affairs), Dr. R. K. Shastri (Dean R & D), Dr. V. C. Todkari, Dr. D. B. Hanchate (Dean, IIIC), Mr. D. D. Rupanwar, Mr. S. C. Mahadik and Mr. P. V. Dhandore visited an industry Rack N Space Storage Solutions Pvt. Ltd. MIDC, Baramati on 23 August 2021. Rack N Space Storage Solutions Pvt. Ltd. is one of the manufacturers of storage racks like Cantilever Rack, ASRS Rack, Multiflex Shelving and Long Span Shelving. They also manufacture industrial Pallets including the MS Pallet, SS Pallet, Platform Pallet and Special Pallet. Hon. Principal and Faculty had a discussion on current problems industries are facing about storage. Mr. Nitant Kothari from Rack N Space Storage Solutions briefed about company profile and their products.



Hon. Principal, Dr. R S Bichkar, Faculty and Officials from Rack N Space during the Visit



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STUDENTS' ACHIEVEMENTS

- Pratiksha Katap (SE IT) completed an online course on 'SQL for Data Science' which was offered by Coursera.
- Utkarsh Galande (BE IT) completed training by GTT Foundation on Corporate Readiness.
- Utkarsh Galande (BE IT) completed an online course on 'Machine Learning for All' which was offered by Coursera.
- Pooja Patil (BE IT) completed training by GTT Foundation on 'Corporate Readiness'.
- Niraj Fegade (TE IT) completed course on 'Build Face recognition application using Python' which was offered by GUVI.

• Training/ Internship:

Mr. Aditya Raut



He is a second year student of Mechanical Engineering. He completed the Internship on 'Virtual Cyber Security in Industry'. This internship was organized by SISTMR, Australia. The internship was conducted in association with VPKBIET, Baramati during May to September 2021.

Mr. Ajinkya Borawake



He is a third year student of Mechanical Engineering. He completed the Internship on 'Python for Machine Learning and Artificial Intelligence'. This one month internship was conducted by 'Elite Techno Groups' during 18 August to 16 September 2021. The internship proved beneficial for him as it provided him insights about machine learning and artificial intelligence.

Phone: 91-2112-239500, 503, 504

Fax: 91-2112-239514

E-mail:
principal.

vpkbiet@vidyapratishthan.com

Website:
www.vpkbiet.org