Invited speakers

Dr. P. N. Vasambekar
Professor & Head,
Department of Electronics,
Shivaji University,
Kolhapur

Dr. R. K. Kamat
Professor,
Department of Electronics,
Shivaji University,
Kolhapur

Shetkari Shikshan Prasarak Mandal's Krishna Mahavidyalaya,
Rethare BK., Dist : Satara, M.S.
NAAC Accredited B+ with CGPA 2.65

Organizers
Department of Electronics and Internal Quality Assurance Cell (IQAC),
Krishna Mahavidyalaya, Rethare BK.

One Day National e-Seminar on 'Recent Technological Trends in Electronics'

Day & Date: Thursday, 27th August 2020

Time : 11:00 am to 01:00 pm

Principal

Dr. Chandrakant B. Salunkhe
Krishna Mahavidyalaya,
Rethare BK.

Convener

Mr. B. S. Mane
Head,
Department of Electronics,
Krishna Mahavidyalaya, Rethare BK.

Organizing Secretary

Mr. P. A. Kapale
Department of Electonics,
Krishna Mahavidyalaya, Rethare BK.

Coordinator, IQAC

Dr. D. S. Dalavi
Head,
Department of Physics,
Krishna Mahavidyalaya, Rethare BK.

Registration link :
https://forms.gle/7eEpaDAPd663bvQp8

Join Telegram group:
https://t.me/joinchat/SLfGClFeEGU7Ze9jyHbfxg

ShetkariShikshanPrasarak Mandal's

Krishna Mahavidyalaya, Rethare BK

Shivnagar-415 108, Tal: Karad, Dist: Satara

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SCHEDULE OF e-SEMINAR

11.00 to 11.15 am	**Inauguration**	
	Event Introduction	❖ **Mr.. B. S. Mane** Convenor, Krishna Mahavidyalaya, Rethare Bk.
	Opening Address	❖ **Dr. Chandrakant B. Salunkhe.** Principal, Krishna Mahavidyalaya, Rethare Bk.
11.15 to 11.50 am	**Session- I**	**Invited Speaker** **Dr. P. N. Vasambekar** Professor and Head, Department of Electronics Shivaji University, Kolhapur
11.50 to 12.00 noon	**Discussion**	
12.00 to 12.35 pm	**Session-II**	**Invited Speaker** **Dr. R. K. Kamat** Professor, Department of Electronics Shivaji University, Kolhapur
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12.45 to1.00 pm	• **Feedbacks from participants** • **Concluding Session**	

Organizing Secretary	Convener	IQAC Co-ordinator	Principal
Mr. P.A. Kapale	Mr. B.S.Mane	Dr. D.S. Dalavi	Dr.C.B.Salunkhe

Brief Profile of Professor R. K. Kamat

Dr. Rajanish K. Kamat is currently Professor in Electronics and heading the Department of Computer Science at Shivaji University, Kolhapur. He is an accomplished University faculty with 25 years of teaching and research experience. He is also holding the position of Director of Innovation, Incubation and Linkages at Shivaji University, Kolhapur. He is presently Chairman of Board of Studies in Computer Science, Member of Academic Council, Senate, Board of Information Technology, Member Secretary of Board of Deans, Board for National and International Linkages, Board for Innovation, Incubation and Enterprise and Board of Research and until recently served as Head of Department of Electronics and Director, Internal Quality Assurance Cell at Shivaji University, Kolhapur.

Dr. Kamat has to his credit 160 + publications in journals from reputed publishing houses such as IEEE, Elsevier, Springer in addition to 12 reference books from reputed international publishers such as Springer, UK and River Publishers, Netherlands and exemplary articles on ICT for Encyclopedia published by IGI. The books exhibit impressive download history and placed in more than 400 Libraries all over the globe, furthermore inspired many young minds to pursue their research careers in niche technological domains. He has successfully guided 16 Ph.D. students. He has mobilized research grants to the tune of Rs. 24 Cr. from different funding agencies such as University Grant Commission, Department of Science & Technology, Ministry of Human Resource Development and Rashtriya Uchchatar Shiksha Abhiyan (RUSA). He is a Young Scientist awardee of Department of Science and Technology, Government of India under Fast Track Scheme. Dr. Kamat with his colleagues established the first of its kind fiber optics based internet backbone at Goa University and contributed immensely for the satellite based centre for Distance Education to implement the 'Panchayat Raj' program of Goa Government and Million Book Project led by Carnegie Mellon University, USA. He has also worked as a Consultant for the 'Indian Navy' and 'National Centre for Antarctic and Ocean Research' and developed technology solutions shortlisted under Technology Information, Forecasting and Assessment Council (TIFAC) and also filed 10 patents.

He has been working on different committees of University Grants Commission such as Learning Outcome Curriculum Framework (LOCF), Autonomy of HEIs, Colleges with Potential for Excellence and also expert evaluator of NAAC, Bengaluru. His latest initiatives are setting up Faculty Development Centre under Ministry of Human Resource Development's PMMMNMTT scheme in Cyber security and Data Sciences, RUSA-Industry sponsored Centre of Excellence in VLSI System Design and coordination of two international projects EQUAMBI and Internationalized Master Degree Education in Nano Electronics under the EU's Erasmus+ scheme.

A Report 0n

One Day National e_Seminar on

"Recent Technological Trends in Electroics"

27 August 2020

A One Day National e_Seminar on "Recent Technological Trends in Electroics was held on 27 August 2020 at Krishna Mahavidyalaya Rethare Bk. by the Department Of Electronics in association with Internal Quality Assurance Cell (IQAC). The President of this seminar was the Honrable Principal Of our college Dr. C.B. Salunkhe sir .

Mr. B.S. Mane,The Head and Associate Professor,Department Of Electronics had given the welcome and event introduction speech.

The President of tis seminar ,Hon'ble Principal Dr. C.B.Salunkhe sir had given the opening speech of this seminar and the seminar was going on.

The main speakers of this seminar was

1. Dr P.N. Vasambekar :

Professor and Head , Department Of Electronics, Shivaji University Kolhapur.

2. Dr R.K.Kamat :

Professor and Head , Department OfComputer Science, Shivaji University Kolhapur.

There were 276 participants through out the India and also some from other Countries.

In the first session , Mr.P.A.Kapale sir gave the introduction of Dr P.N. Vasambekar :

Professor and Head , Department Of Electronics, Shivaji University Kolhapur.Then the Vasambekar sir started his speech . He had explained the theory of antenna used for satellite communication. He also explained the frequency bands allowted for analog communication such as AM,FM,PM .

Further he explained the concepts of of digital communication such as ASK,FSK,PSK .

A **microwave antenna** is a physical transmission device **used to** broadcast **microwave** transmissions between two or more locations. In addition to roadcasting, **antennas** are also **used in** radar, radio astronomy and electronic warfare.

Microwave antenna acts as a transition region between free space and guiding structure like a transmission line in order to communicate between two or more locations. In **microwave antennas**, high gains with very narrow beam width in one or more planes are required. These can be achieved with **antennas** of reasonable size.

In **microwave** radio relay, **microwaves** are transmitted on a line of sight path **between** relay stations using directional antennas, forming a fixed radio connection **between** the two points. The requirement of a line of sight limits the separation **between** stations to the visual horizon, about 30 to 50 miles (48 to 80 km).Then the question-answer session was start .

In the next session Mr. Kale sir introduced the Dr.Kamat sir .

Then Dr. Explained details of the recent technological trendsas given below.

Change is the only constant. This applies to your professional life as well. ***Up-skilling yourself*** is a need nowadays, the reason is pretty simple, technology is evolving very quickly. I have listed the top 10 trending technologies, which are expected to acquire a huge market in 2020.

So, let's make a new year resolution to master any one of the below technologies:

1. Artificial Intelligence
2. Blockchain
3. Augmented Reality and Virtual Reality
4. Cognitive Cloud Computing
5. Angular and React
6. DevOps
7. Internet of Things (IoT)
8. Intelligent Apps (I – Apps)
9. Big Data
10. RPA (Robotic Process Automation)

Finally in the discussion session participants asked asked some questions.

In this seminar Mrs.Radhika Desai madam handelled thethe ankering of the seminar.

Finally he vote of thanks and concluding session is done by Dr. Dhanaji Dalvi-the IQAC Coordinator and the program was over.

Mr. B.S.Mane

Convener, e-seminar.

Gmail

Prof. B S Mane <profbsmane@gmail.com>

Invitation for Resource Person

3 messages

Prof. B S Mane <profbsmane@gmail.com> Sat, Aug 15, 2020 at 6:20 PM
To: "pnv_eln@unishivaji.ac.in" <pnv_eln@unishivaji.ac.in>
Cc: Principal SSPM'S Krishna Mahavidyalaya Rethare BK <principal@krishnamahavidyalaya.com>

Respected Sir, Please find attached herewith the invitation letter.

Regards,
Prof. B. S. Mane

Gmail

Prof. B S Mane <profbsmane@gmail.com>

Invitation for Resource Person

2 messages

Prof. B S Mane <profbsmane@gmail.com> Sat, Aug 15, 2020 at 6:33 PM
To: "rkk_eln@unishivaji.ac.in" <rkk_eln@unishivaji.ac.in>
Cc: Principal SSPM'S Krishna Mahavidyalaya Rethare BK <principal@krishnamahavidyalaya.com>

Respected Sir,

Please find attached herewith the invitation letter for the seminar.

Regards,
Shri. B. S. Mane

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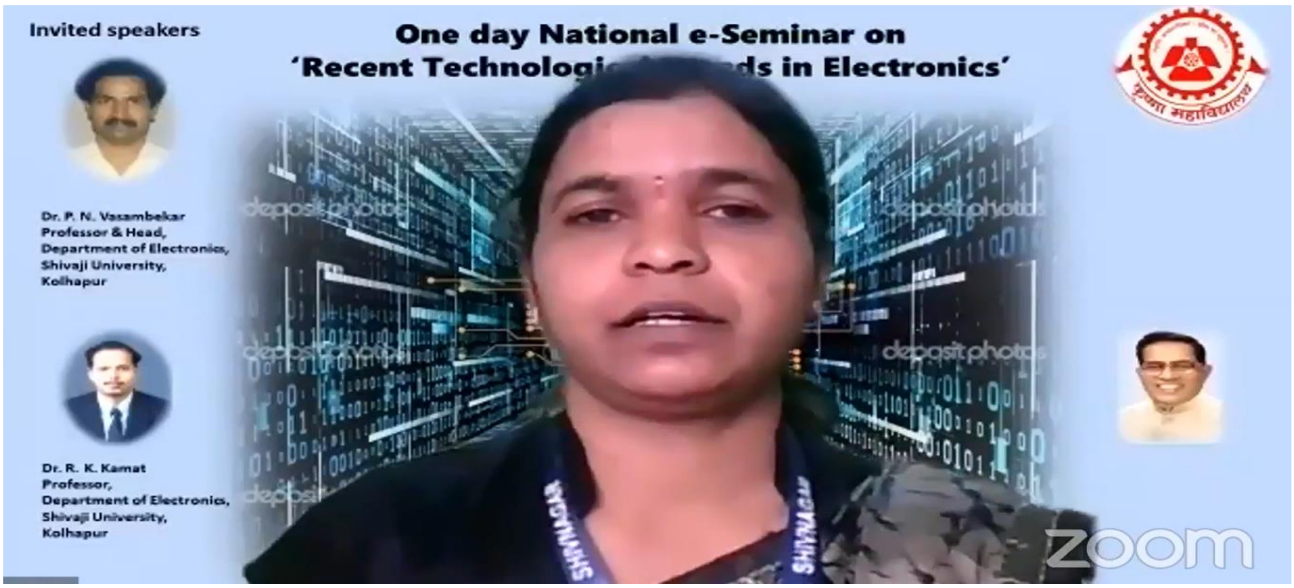
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zoom

zoom
Dr.Pramod Vasambekar

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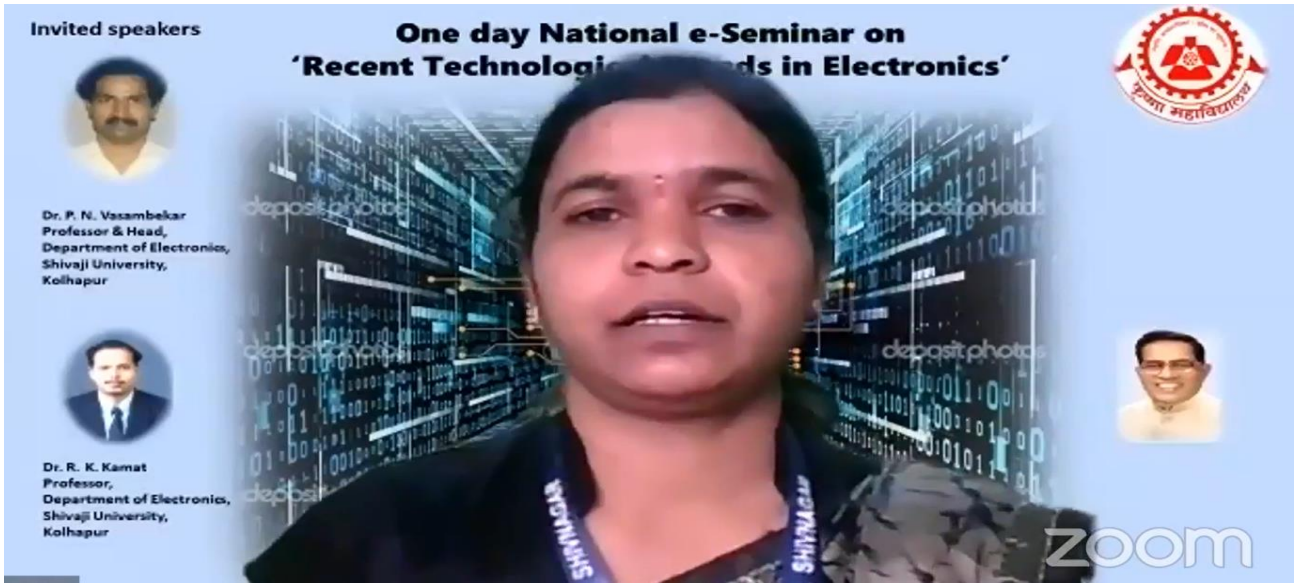
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