

FACULTY PROFILE

Name : **RAJSHEKHAR S. ALLURKAR**



Designation : **Associate Professor**
Department : **Electrical & Electronics Engineering**
Employee ID : **TEI002**
E mail ID : **rsaei@becbgk.edu, allurkarsir@gmail.com**

Contact details : **Department of Electrical & Electronics Engineering**
Basaveshwar Engineering College
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Orcid ID : --
Scopus ID : --
Vidwan Id : **147913**
Researcher ID (Web of Science) : --
Google Scholar ID : --

Qualification : **M.E. (Electrical Engineering)**

Professional Experience

Teaching experience : **28**

Industry experience :

Administrative :

Responsibilities

1. Warden, BEC Hostels for 5 years.
2. BoE coordinator of Electronics and Instrumentation Engg. For 5 years
3. BoE member of Electronics and Instrumentation Engg. Dept of PDA college of Engineering, Kalaburagi

No. of Projects Guided

UG : 27

PG : -

Research

Interest Area : Signal processing

No. of Research Scholars

Pursuing : --

Awarded : --

Patents : --

Research Grants : --

Publications : Books PublishedBooks/Chapters [1] R. S. Allurkar and Renuka Allurkar,
Control Systems, EBPB, 2004[2] R. S. Allurkar and Renuka Allurkar,
Logic Design, CBS Publishers and Distributors, 2009

Journals (with citations) : --

Conferences : [1] R. S. Allurkar, H. K. Verma and S. M. Iddalagi, "Frequency
Compression of Speech for the Hearing Impaired: An FBS Approach,"
*Proceedings of the 7th international conference on signal processing,
computational geometry & artificial vision*, Athens, Greece, 2007.[2] R. S. Allurkar, H. K. Verma and Shridhar, "Hearing Aids: Then,
Now and the Future," *Proceedings of the international conference on
innovative technologies and education of the deaf/hard of hearing
deafexpo-2007*, Coimbatore, India, 2007.[3] R. S. Allurkar, H. K. Verma and Shridhar, "Hearing aid research:
issues, current trends and challenges," *Proceedings of the IEEE-
international conference ICSIP-2006*, Hubli, India, 2006.[4] R. S. Allurkar, H. K. Verma and P. N. Kulkarni, "Hearing aid
research: a brief review," *Proceedings of the international symposium
FRSM-2006*, Lucknow, India, 2006.[5] R. S. Allurkar, S.G. Koolagudi and N. R. Aiholi, "Technical
Education: Challenges Ahead and Remedies Within," *Paper presented
at AICTE sponsored National seminar on "Technical Education and
Challenges in the New Millennium"*, Bagalkot, India, 2001.Invited Talks : A talk on "Impact of technology on children" at Akhila Bharata
Kannada Sahitya Sammelana held at Kalaburagi on 7th February,
2020.Events Organized : 1) Speech and Image Processing, 23rd to 28th July 2007
2) Signal processing & its applications, 9th to 11th October 2006
3) Digital signal processor & its applications, 25th to 30th September
2006Conferences/ Symposiums/
Workshops/ Training : 1) NPTEL on line certification course on "Digital Circuits", IIT
Kharagpur, online, 12 weeks, September-December 2020
2) Biomedical Signal Acquisition and Analysis, SJCE, Mysuru, online, 2
days, 26th to 27th August 2020
3) Concepts, Methods, Challenges and Future directions in Medical image

- analysis using Machine learning, SJCE, Mysuru, online, 5 day, 10th to 14th August 2020
- 4) End to End Innovation, IIT Bombay, 5 day, 19th to 23rd February 2018
 - 5) Faculty Development Programme, IIT Madras, 3 day, 6th to 8th October 2017
 - 6) Management Capacity Enhancement Programme for Administrative Heads of BEC Bagalkot, IIM Bangalore, 3 day, 23rd to 25th January 2017
 - 7) Outcome Based Education, BEC, Bagalkot, 1 day, 18.12.2015
 - 8) Dynamics & Control in State-Space(DCSS_14), IIT Bombay, 5 day, 19th to 23rd May 2014
 - 9) Effective Leadership for Excellence, International Academy for Competency Enhancement, Bengaluru, 2 day, 6th to 7th February 2014
 - 10) Workshop on Signals and Systems, B.V.B. College of Engineering, Hubli, 2 week, 16th to 28th December 2013
 - 11) Analysis and Design of Classical Control Systems-ADOCS-13, IIT Bombay, 5 day, 11th to 14th November 2013
 - 12) Advanced Digital Signal Processing, Rajarshi Shahu College of Engineering, Pune-33, 2 day, 3rd to 4th August 2013
 - 13) Advanced Control System Engineering, Raajdhani Engineering College, Bhubaneswar, 1 Week, 17th to 22nd June 2013
 - 14) Mathematical Modelling and Analysis of Systems, Government Engineering College, Thrissur, 1 Week, 10th to 14th June 2013
 - 15) Implementation of Signal Processing Algorithms using FPGAs, Basaveshwar Engineering College, Bagalkot, 3 day, 23rd to 25th May 2013
 - 16) Control Systems, IIT Bombay, 1 Week, 3rd to 7th December 2012
 - 17) Intelligent Instrumentation and Robotics, Basaveshwar Engineering College, Bagalkot, 1 Week, 26th to 30th March 2012
 - 18) MATLAB-Applications in Speech and Hearing, Manipal College of Allied Health Sciences, Manipal, 1 Week, 22nd & 26th March 2011
 - 19) Mission10X workshop, Basaveshwar Engineering College, Bagalkot, 1 Week, 2nd to 6th August 2010
 - 20) Soft Computing Approaches to Image Processing and Pattern Recognition, Basaveshwar Engineering College, Bagalkot, 1 Week, 20th to 24th March 2010
 - 21) Rehabilitation Engineering, Sri Jayachamarajendra College of Engineering, Mysore, 2 Day, 20th to 21st December 2008
 - 22) Workshop on Speech and Image Processing (WISP-2008), International Institute Information Technology, Hyderabad, 1 Day, 13th December 2008
 - 23) Signal Processing, Infosys Technologies Ltd., Mysore, 1 Week, 30th June to 4th July 2008
 - 24) Modelling and Simulation using MATLAB-Simulink for Electrical Engineers, Basaveshwar Engineering College, Bagalkot, 2 Day, 22nd to 23rd March 2008
 - 25) Basics of Wavelets and Applications, Basaveshwar Engineering College, Bagalkot, 3 Day, 13th to 15th March 2008
 - 26) Workshop on Speech and Image Processing (WISP-2007), IIT, Guwahati, 2 Day, 28th to 29th December 2007
 - 27) Vision, Graphics and Image Processing, IIT, Roorkee, 1 Week, 6th to

10th July 2007

- 28) Image and Video Processing, IIT, Kharagpur, 2 Weeks, 19th February to 2nd March 2007
- 29) MATLAB, National Institute of Technical Teachers' Training and research, Chandigarh, 1 Week, 29th January to 2nd February 2007
- 30) SCADA and PLCs for Industrial Automation, Basaveshwar Engineering College, Bagalkot, 3 Day, 21st to 23rd December 2006
- 31) Modern Sensors and their Applications, Basaveshwar Engineering College, Bagalkot, 2 Day, 17th to 18th November 2006
- 32) MATLAB Programming for Electrical and Electronics Engineers, Basaveshwar Engineering College, Bagalkot, 1 Day, 16th October 2006
- 33) Counselling Techniques, Basaveshwar Engineering College, Bagalkot, 1 Day, 25th August 2006
- 34) Advances in Signal Processing, MBE Society's College of Engineering, Ambajogai, 2 Weeks, 3rd to 15th July 2006
- 35) Computer Applications in Power Systems, Control Systems and Networks, R.V.R. and J.C. College of Engineering, Guntur, 2 Weeks, 15th to 29th March 2004
- 36) C# &.NET, Basaveshwar Engineering College, Bagalkot, 1 Week, 1st to 6th June 2006
- 37) Embedded Systems(FPGA) & Virtual Instrumentation, PDA College of Engineering, Gulbarga, 2 Day, 19th to 20th October 2005
- 38) Computer Applications in Power Systems, Control Systems and Networks, RVR & JC College of Engineering, Guntur, 2 Weeks, 15th to 29th March 2004
- 39) Applications of Signal Processing, Sri Jayachamarajendra College of Engineering, Mysore, 2 Weeks, 18th to 30th August 2003
- 40) Wavelets and Applications in DSP, N.S.S. College of Engineering, Palakkad, 2 Weeks, 14th to 27th July 2003
- 41) Advanced DSP Processors, Viswakarma Institute of Technology, Pune, 1 Week, 23rd to 28th June 2003
- 42) Processing of Composite Materials, Basaveshwar Engineering College, Bagalkot, 2 Weeks, 26th August to 7th September 2002
- 43) Technical Education and Challenges in the New Millennium, Basaveshwar Engineering College, Bagalkot, 2 Day, 3rd to 4th November 2001
- 44) Recent Trends in Renewable Energy Sources, Basaveshwar Engineering College, Bagalkot, 2 Weeks, 3rd to 15th September 2001

Awards and Honors

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