

Backward Class Youth Relief Committee's Nagpur

**BHIWAPUR MAHAVIDYALAYA, BHIWAPUR,
DIST. NAGPUR**



**One Week National Short-Term Training
Programme**

On

**Recent Developments of Advanced Materials and its
Applications in Technology**

In collaboration with

K.D.K. College of Engineering, Nagpur

&

STAMI and LSI from June 17 to 22, 2020

Organized by

Faculty of Science

Bhiwapur Mahavidyalaya, Bhiwapur

Convener

Dr. S.P. Wankhede
Head
Department of Physics
KDK College of
Engineering, Nagpur

Co- Convener

Dr. Yogesh More
Head
Department of Physics

IQAC Coordinator

Dr. Mangesh Kadu
Head
Department of
Political Science

Principal

Dr. Jobi George
Bhiwapur
Mahavidyalaya,
Bhiwapur

One Week National Short-Term Training

Programme

REPORT

Bhiwapur Mahavidyalaya, Bhiwapur in collaboration with the Department of Basic Sciences and Humanities of K.D.K. College of Engineering, Nagpur, organized a one-week online STTP on "Recent Developments of Advanced Materials and its Applications in Technology" in association with STAMI and LSI from June 17 to 22, 2020. The STTP received overwhelming response from more than 993 people from 24 States of India and abroad. The main objective of this STTP is to update and enhance knowledge about science and technology and to promote research in science to develop new technologies. The inaugural event featured with lighting the virtual lamp and virtual floral welcome of the guest. STTP Convener Dr. Mrs. Sangeeta Wankhede conducted the programme and presented the success story of STTP through her report. Dr. S. V. Moharil, former Professor and Head, Department of Physics, Rashtasant Tukdoji Maharaj Nagpur University, Nagpur, Dr. K Vijay Kumar Gupta, Founder of India's first LED Manufacturing Plant, Quality Photonics, Hyderabad, Prof. Anindya Datta, Head of the Department of Chemistry, IIT Bombay, Dr. S. K. Omanwar, former Professor and Head, Department of Physics, Sant Gadge Baba Amravati University, Dr. K. Rewatkar, Head of Department of Physics and Vice-Principal of Ambedkar College, Nagpur, Dr. KVR Murthy, Professor, Department of Physics, M.S. University, Baroda and LSI President deliver their expert talks in the STTP. Principal of Bhiwapur Mahavidyalaya, Dr. Jobi George, Principal and Vice Principal of K.D.K College of Engineering, Dr. D. P. Singh and Vice Principal Dr. A. M. Badar, and Head of the Department of Basic Sciences and Humanities, Prof. G. D. Ranadive addressed the audience. Dr. Yogesh More, Co-Convenor of STTP, proposed formal vote of thanks.

The programme was moderated by Prof. Mrs. S. L. Tulankar throughout the week. Coordinator Dr. Pankaj Gaur and Dr. Kailash Gadekar worked hard to create daily quizzes



for the participants. Dr. Archana Ramteke skilfully handled the daily question and answer session. Positive feedback was given by the participants from Maharashtra and other states, which made the STTP a great success. The valedictory function was held on June 22, 2020. Hon. Mr. Rajendra Mulak, Ex Minister and Secretary and Mr. Yashraj Mulak, Treasure,r BCYRC appreciated the efforts.

Convener

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KDK College of
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Dr. Jobi George
Bhiwapur
Mahavidyalaya,
Bhiwapur



K.D.K. College of Engineering

Great Nag Road, Nandavan, Nagpur
(Accredited by NAAC and NBA)

Bhiwapur Mahavidyalaya, Bhiwapur

Bhimadeti Road, Bhiwapur, Dist. Nagpur
(Accredited by NAAC)

Organise

Online One Week Short Term Training Program
(STTP)

On

**"Recent Development of Advanced Materials
and its applications in Technology"**

From 17th to 22nd June 2020

In Association with
**Society for Technologically Advanced
Material of India (STAMI)**
and
Luminescence Society of India (LSI)

Our Patrons

Shri. Rajendra B. Mulak
Ex-Minister, Govt
Hon. Secretary, BCYRC, Nagpur

Shri. Yashraj R. Mulak
Treasurer, BCYRC,
Nagpur

Advisory Committee

Dr. A. M. Badar
Vice-Principal, KDK College of
Engineering, Nagpur

Dr. D. P. Singh
Principal, KDK College of
Engineering, Nagpur

Dr. Jobi George
Principal, Bhiwapur
Mahavidyalaya, Bhiwapur

Mr. G. D. Randive
Head, Dept. of Basic Science
and Humanities

Convener

Dr. Mrs. S.P. Wankhede
Head Department of Physics
KDK College of Engineering, Nagpur
(Ph.No.9422864872)

Co-Convener

Dr. Yogesh K. More
Head, Department of Physics
Bhiwapur Mahavidyalaya, Bhiwapur
(Ph.No.939251049)

Faculty Co-ordinators

Dr. K.A. Godakar
Department of Physics, KDKCE
Ph.No. 93403239

Dr. T. R. Shalka
Department of Physics, KDKCE
Ph.No. 93773329

Dr. P. B. Gaur
Department of Chemistry, KDKCE
Ph.No. 93773400

Institute Level Advisory Committee

Dr. Vikram Varghese, PhD, Civil Engineering, KDKCE
Dr. C. C. Handa, BEd, Mechanical Engineering, KDKCE
Dr. R. H. Parikh, Mechanical Engineering, KDKCE
Dr. (Mrs.) S. S. Anandhan, BEd, Electrical Engineering, KDKCE
Dr. G.H. Agrewal, BEd, Instrument Development, KDKCE
Dr. P. B. Khoslati, BEd, Electronic Engineering, KDKCE
Dr. (Mrs.) J. P. Khoslati, BEd, Information Technology, KDKCE
Dr. A. A. Jaiswal, BEd, Computer Technology, KDKCE
Dr. S.H. Rastogi, BEd, MBA, KDKCE
Dr. A. P. Fardole, BEd, Career Guidance and Counseling, KDKCE
Dr. A. M. Kulkarni, BEd, Chemistry, Bhiwapur Mahavidyalaya, Bhiwapur
Mr. Anil Thakare, BEd, Zoology, Bhiwapur Mahavidyalaya, Bhiwapur

Organizing Committee Members

Mrs. A. L. Tulsakar, Asst. Prof. Department of Chemistry, KDKCE
Mrs. S. S. Kulkarni, Asst. Prof. Department of Mathematics, KDKCE
Dr. K. B. Rajaji, Asst. Prof. Department of Mathematics, KDKCE
Dr. Archana M. Ramdas, Asst. Prof. Department of Chemistry, KDKCE
Dr. Dipali P. Jaiswal, Asst. Prof. Department of Chemistry, KDKCE
Mrs. Venu V. Bhowar, Asst. Prof. Department of Humanities, KDKCE

Eminent Speakers



Dr. S.V. Meherli
Former Prof. and Head,
Department Physics, RTMNU, Nagpur
Topic: Using Luminescence for
Photovoltaic



K. Vijay Kumar Gupta
Founder of India's only LED
manufacturing plant
Topic: Luminescent Materials for
UV LED



Prof. Dr. Anindya Datta
Department of Chemistry,
Indian Institute of Technology Bombay
Topic: Quest for Solid State Organic
Emitters



Dr. Nishar Nawastkar
Head, Department of Physics, Vice Principal,
Dr. Ambedkar College, Nagpur.
Secretary, STAMI
Topic: Scientific challenges and achievements
of the 21st century: A Perspective



Dr. S.K. Omanwar
Former Prof. and Head, Department of
Physics,
SGBAU, Amravati
Topic: Luminescent Materials Processing
and Applications



Dr. K.V.R. Murthy
Prof. M.S University of Baroda
President, LSI
Topic: Advanced Luminescent
Materials

About KDKCE:
Karnaveer Dadasaheb Karmaveer College of Engineering, situated in the heart of India in Nagpur city, established in 1984 by Backward Class Youth Relief Committee (BCYRC) is one of the leading engineering colleges in Maharashtra State. Government of Maharashtra has conferred 'A' Grade on the basis of excellence & adequate infrastructure as well as academic achievements of students and faculty. It is affiliated to KTM Nagpur University and approved by AICTE New Delhi, DTE, Government of Maharashtra. The college successfully continues to attract attention of scholars from all over the subcontinent. The college runs undergraduate program in six branches of Engineering, postgraduate programs in Mechanical Engineering, Civil Engineering and Master of Business Administration. In addition to these, college has approved research centre for Ph.D in Civil Engineering and Mechanical Engineering.

Objectives of the STTP:

- The main objective is to update and upgrade knowledge about science and technology.
- The primary focus of the STTP is to promote research in Science and develop technology.
- To provide an ideal platform and opportunity for scientific community, academicians, industrialists and policy makers all over the globe to keep abreast of the latest developments in the scientific/ technical areas.
- To establish connectivity with other individuals and research groups.
- To provide strong orientation towards scientific research in the areas of Science, Engineering and Technology.

About Bhiwapur Mahavidyalaya:
When there were no elite educational institutions catering professional and conventional schooling to the rural youths of the disadvantaged sections of the society in Vidarbha, it was Heavenly Bhauasaheb Govindrao Mulak who pioneered the beginning of a new era in Higher Education in Maharashtra by establishing a Charitable Trust as Backward Class Youth Relief Committee (B.C.Y.R.C.) in 1974. Since its inception BCYRC has blossomed into seventeen educational institutions all over Vidarbha imparting Higher Education in all the branches of learning. Bhiwapur Mahavidyalaya, which is affiliated to Rashtrasra Tanuaji Maharaj Nagpur University, Nagpur was established in 1990 through Arts Faculty with the noble vision of imparting education to the rural youths for enabling them to learn locally and flourish globally in spite of the evils of poverty and ignorance. Subsequently Faculty of Commerce and Management and Faculty of Science were added in 2002 and 2012 respectively. Post Graduate courses in Economics, Political Science and Sociology are functional from 2004. Over the years, the institution has earned a reputation as one of the premier co-educational institutions in Nagpur rural region imparting education in the Faculties of Arts, Commerce and Science with the strong support of highly competent and skilled teaching and non-teaching staff.

Invitation:
The Organizing Committee cordially invites you to participate in **One Week Short Term Training Program (STTP)** on **"Recent Development of Advanced Materials and its applications in Technology"** going to be organized by KDK College of Engineering, Nagpur from 17th to 22nd June 2020

How to Register: Students /Faculty /Professionals can register their names online by clicking link-<https://forms.gle/gh1hAa1Bw5AR1v7>
For any queries contact co-ordinators. Detailed schedule will be provided on WhatsApp and Telegram groups

Registration starts: 09th June 2020

Registration ends: 16th June 2020

Registration Fee: Free of Cost





Dr. Jobi George, Principal of Bhiwapur Mahavidyalaya addressing the participants



Dr. Sangeeta Wankhede, Convenor of STTP presenting the success story of STTP





Dr. Yogesh More, Co-Convener of STTP proposing the vote of thanks



Participants of STTP



Dr. Amrin Surya
PRINCIPAL
 Bhiwapur Mahavidyalaya
 Bhiwapur, Dist. Nagpur