

KDK COLLEGE OF ENGINEERING, NAGPUR
Department of Basic Sc & Humanities
Session 2021-2023

NOTICE

Date:- 11/8/22

IQAC & Department of Basic Sc. & Humanities, KDK college of Engineering in association with Department of Basic Sc. & Humanities, YCCE are organizing, "Application of Mathematics in Science & Engineering: Social Impact" a one week faculty development online program from 22/8/22 to 27/8/22. This FDP is organized under The Centenary Celebration RTMNU.

Interested staff should register for the same.

Date - Dr. G.N. Agrawal
First year Incharge

Copy to :
Principal KDKCE
Vice-Principal KDKCE
HOD of Mech, Civil, Electrical, CSE, IT, ETC, AI&DS
For circulation

K D K College of Engineering, Nagpur
Activity Report (2022-23)
Department of Basic Sc. & Humanities /Committee/Faculty

IQAC Activity No: _____

Name of the Activity:	One week online Faculty Development Program		
Date	Faculty	College/Department/Committee	Name of Coordinator
22 nd - 27 th August -2022	Basic Sc. & Humns.	Dept. of Mathematics, KDKCE	Mrs. S. S. Kshirsagar
Time	Venue	Number of Participants	Nature: Outdoor/Indoor
2 pm to 4 pm	Online on Google Meet	118	Online
Support/Assistance	FDP was conducted by IQAC and Department of Basic Science & Humanities, KDKCE in association with YDCE, Nagpur under the Centenary Celebration of RTMNU.		

Brief Information about the Activity (Criterion No. ____)

Topic/Subtopic of the Activity	Applications of Mathematics in Science and Engineering: Social Impact
Objective	The objective of this conference was to provide an intellectual forum for exchange of knowledge and information in relation to latest developments in the field of Mathematics.
Methodology	Expert lectures with question answer session.
Outcomes	Participants were satisfied with all the invited speakers and they were made aware of the applications of Mathematics in Life Science & Engineering.

Proofs & Documents attached (tick mark the proof attached)

Notice/Letter/Invitation	List of Participants	Activity Report	Photos	Feedback form/report
Impact analysis	Press News	Certificates	Appreciation Letter	Expenditure note-sheet

IQAC Cell:

Name of Teacher & Signature	Name of Head/Committee In-charge/Coordinator & Sign	Vice Principal signature	IQAC Coordinator Signature
Prof. S.S.Kshirsagar <i>S.Kshirsagar</i>	Dr. G.H. Agrawal <i>GP</i>	Dr. A.M. Badar <i>AM Badar</i>	Dr. P.D. Khandait <i>P.D. Khandait</i>

Name of the Participant	College/ Organization	Department	Designation	Country	Contact Number	WhatsApp Number
Dr. Nitin Janraoji Wange	YCCE, Nagpur	Mathematics	Assistant Professor	India	7841991165	7841991165
BHUPESH NANDURKAR	Yeshwantrao Chavan College of Engineering	Civil Engineering Department	Assistant Professor	India	+919372744463	9372744463
Dr. Hemlata Vikrant Ganvir	Yeshwantrao Chavan College of Engineering	Applied Physics	Assistant Professor	India	09011099089	9011099089
Prasad Joshi	Industry		Professional	USA	6264251648	6264251648
amit kshirsagar	Amazon		Student	USA	3527454386	3527454386
Hrishikesh Mukte	Columbia University, New York	Financial Engineering	Student	USA	+12128106671	+12128106671
omprakash shivhare	industry person nagpur	mathematics	Research Scholar	India	9545342134	9535243124
Dr. Ajay Jaiswal	K. D. K. College of Engineering, Nagpur	Computer Science & Engineering	Professor	India	9823095932	9823095932
Dr. Dipali P. Jasudkar	KDKCE, NAGPUR	Chemistry	Assistant Professor	India	+918379894554	8379894554
Dr. Tushar Ramdasji Shelke	K. D. K. College of Engineering Nagpur	Physics	Assistant Professor	India	+919975733295	9975733295
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SMITA TOLANI	PALLOTTI COLLEGE OF ENGINEERING	APPLIED PHYSICS	Assistant Professor	India	9823937372	9823937372
Dr Mohan Giriya	Smt. Radhikatai pandav college of engineering, Nagp	Applied Physics	Associate Professor	India	09923406989	9923406989
Dr Gajanan Kotharu	KITS RAMTEK	ESH	Associate Professor	India	7020647233	9890254245
Dr.Mrs. Sangita P.Wankhede	K.D.K.College of Engineering,Nagpur	Basic Science	Associate Professor	India	9422804873	9422804873
Annaji Kuthe	KDK College Of Engineering Nagpur	CSE	Assistant Professor	India	+919423616073	9423616073
Prof. Chandrapal Raut	Smt. R. P. C. E., Nagpur	ETC	Assistant Professor	India	9765240746	9765240746
Kirti Dhenge	KDK College of Engineering	Electrical	Assistant Professor	India	9579441855	9579441855
Rajesh Kesharao Parate	S K Porwal College Kamptee	Electronics	Assistant Professor	India	+919923248048	9923248048
AKIL AHMED	Anjuman College of Engineering and Technology Nagpur	Electrical engineering	Assistant Professor	India	8788740805	95953232101
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Dipak Gopalrao Mangrulkar	Bajaj Institute of Technology wardha	Civil Engineering	Assistant Professor	India	8007704949	8007704949
Dr.(Mrs.) Sulbha Rajesh Suple	Priyadarshini Bhagwati College of Engineering Nagpur	Basic Science (Mathematics)	Assistant Professor	India	9158433869	9158433869
Ms.Jaishree Vilasrao Deshmukh	Priyadarshini bhagwati college of engineering	Applied Mathematics	Assistant Professor	India	7387736509	7387736509
Dr Manish S Kimmatkar	SRPCE Nagpur	ETC	Associate Professor	India	9923693968	9923693968
Prajakta Dharmaraj Gahukar	Sevadal Mahila Mahavidyalaya	Zoology	Research Scholar	India	8793372292	8793372292
Ms.Ashwini Bhimrao Walde	Nagarjuna Institute of Engineering Technology & Managment Nagpur	Electrical Engineering	Assistant Professor	India	9969848163	8007175164
Mohammad Aatiif Mohammad Arif	NIETM NAGPUR	Civil Engineering	Assistant Professor	India	7972752939	7972752939

Kiran Varma	SGBAU, Amravati	Computer science	Research Scholar	India	9372588500	9372588500
SANJAY.H.BAGADE	BAJAJ COLLEGE OF SCIENCE, WARDHA	Department of Physics	Associate Professor	India	9604602224	9604602224
Dr.Yogita Girish Thakre	Yeshwant Mahavidyalaya,Wardha	Home science(faculty of Chemistry)	Assistant Professor	India	9969848163	9960848163
Sandeep Hanumant Kurhade	Sharadchandra Pawar Mahavidyalaya, Lonand	Mathematics	Assistant Professor	India	8888350086	8888350086
Vidya Wasantrao Raut	Nagpur Institute Of Technology, Nagpur	Mathematics	Assistant Professor	India	+917083439137	9890701053
Swapnil Charjan	Department of Mathematics, RTMNU Campus, Nagpur	Mathematics	Research Scholar	India	8857003523	8857003523
Mrs. Mona Prashant Dange	Nagpur Institute of Technology, Nagpur	Basic Science and Humanities	Assistant Professor	India	9850064955	9764787863
Swapnil Charjan	Nagpur Institute Of Technology, Nagpur	First Year	Assistant Professor	India	9309205870	9309205870
Prashant Dnyaneshwar Dange	Nagpur Institute of Techanolo	Basic Sicenc & Humanities	Assistant Professor	India	9881244183	9881244183
Gunjan Nema	Guru Nanak Institute of Engineering and Technology	ETC	Assistant Professor	India	9479983625	9479983625
Puja Keshav Nagpure	Guru Nanak Institute of Engineering and Technology	MBA	Assistant Professor	India	9356649705	9356649705
Dr. Megha Sawangikar	YCCE, Nagpur	Applied Chemistry	Assistant Professor	India	9423119016	9423119016
Dr. Sheela Arvind Pawade	Rajiv Gandhi College of Engg. Research and Technology. Chandrapur	Applied Physics	Professor	India	9665854956	9665854956
Prof. M. N. Dandale	Yeshwantrao chavan college of engineering Nagpur	Applied mathematics	Assistant Professor	India	7057163662	7057163662
Prashant Liladhar Dhenge	Yeshwantrao Chavan College of Engineering	Applied Mathematics	Assistant Professor	India	8600848950	8600848950
Dr. Akshaykumar Jagdishrao Meshram	Yeshwantrao Chavan College of Engineering	Applied Mathematics	Assistant Professor	India	9766462758	9766462758
Dr. Malabika Adak	Yeshwantrao Chavan College of Engineering, Nagpur	Applied Mathematics	Assistant Professor	India	08793435532	8793435532
Dr. Arti Ghogre	Yeshwantrao Chavan College of Engineering, Nagpur	Mathematics	Associate Professor	India	9730251942	9730251942
Mrs.Mamta S.Dani	Yeshwantrao Chavan College of Engineering,Nagpur	Applied Mathematics	Associate Professor	India	9096565831	9096565831
Prof. Purva Khot	YCCE	Mathematics	Assistant Professor	India	9156982957	9156982957
Ajay Thatere	Yeshwantrao Chavan College of Engineering, Nagpur	Electronics Engineering	Associate Professor	India	9823048363	9823048363
Prof. NILESH BHOSALE	Yeshwantrao Chavan College of Engineering, Nagpur(MH)	Applied Mathematics	Assistant Professor	India	9545865251	9545865251
Dr Vkrant Yashwant Ganvir	Yeshwantrao Chavan College of Engineering Nagpur	APPLIED PHYSICS	Assistant Professor	India	09881367366	9881367366
Prof.Vivek N.Mahawadiwar	KDKCE,Nagpur	Electronics & Telecommunicati on Engg.	Assistant Professor	India	9226352059	9226352059
Ranjana A. Dhoble	Sindhi Hindi Jr. College Khamla, Nagpur.	Mathematics	Research Scholar	India	9422807251	9422807251

Girish N. Raut	K. D. K. College of Engineering, Nagpur	Mathematics (Basic Science)	Assistant Professor	India	9028860634	9028860634
Dr. Sanjay Asati	MIET Gondia	Mechanical Engg	Associate Professor	India	9850347382	9850347382
Dr.Swati Fartode	YCCE, Nagpur	Applied Physics	Assistant Professor	India	09545565111	9545565111
Tejaswini Manoj jaulkar	YCCE NAGPUR	Department of applied physics	Assistant Professor	India	8625980049	8625980049
Dr. Kailash Gedekar	KDK College of Engineering Nagpur	Physics	Assistant Professor	India	9822552840	9822552840
Mr. Chandrakant Sharma	KDK College of engineering	Electrical engineering	Assistant Professor	India	9890432257	9890432257
Surabhi Sontakke	Quest diagnostics		Industry person	USA	6822488517	6822488517
Ashwini Kulkarni	PCE, Nagpur	Mathematics deptt	Assistant Professor	India	9665974943	9665974943
Smita R Pidurkar	G H Raison College Of Engineering	Mathematics	Research Scholar	India	9921139370	9921139370
Dr Nalini Vaidya	G H Raison College of Engineering Nagpur	Mathematics	Assistant Professor	India	09765391967	9765391967
Pranali R. Kamdi	KDK College of Engineering, Nagpur	Mathematics	Assistant Professor	India	8007775949	8007775940
Shital A.Tayade	G.H.RAISONI COLLEGE OF ENGINEERING	Mathematics	Research Scholar	India	09604133651	9604133651
SHISHIR ASHOKRAO BAGAL	K.D.K. College of Engineering, Nandanvan, Nagpur	Electronics & Telecommunicati on Engineering	Professor	India	07721877067	7721877067
Abhay M Halmare	KDK COLLEGE OF ENGINEERING NAGPUR	Electrical Engineering	Assistant Professor	India	7755910566	7755910566
Dr. Chandrashekhar S Hiwarkar	K. D. K. College of Engineering, Nagpur	Electrical	Assistant Professor	India	9763704060	9763704060
Dr. Girdharilal Agrawal	K. D. K. College of Engineering, NAGPUR	Electrical	Professor	India	8446985231	8446985231
Vinod W. Wankhede	Smt. Radhikatai Pandav College of Engineering Nagpur.	Electronics and Telecommunicati ons Engineering	Assistant Professor	India	9890016352	9890016352
Dnyaneshwar Bawane	Yeshwantrao Chavan College of Engineering, Nagpur	Applied Mathematics and Humanities	Assistant Professor	India	09423673952	9423673952
Asfar Siddiqui	YCCE, Nagpur	MATHS	Assistant Professor	India	9209085497	9209085497
Dr. Rahul A Burange	KDK COLLEGE OF ENGINEERING, NAGPUR	Electronics and Telecommunicati on	Assistant Professor	India	09764441499	9764441499
Monali Dhote	YCCE Nagpur	Applied Mathematics and Humanities	Assistant Professor	India	9823027200	9823027200
Mrs.Kamal.S.Chand wani	KDK College of Engineering Nagpur	Computer Science and Engineering	Assistant Professor	India	9764000811	9764000811
Sanjivani Panditkar	YCCE, Nagpur	Applied Chemistry	Assistant Professor	India	8600516121	8600516121
Rajendra B. Khule	K. D. K. College of Engineering, Nagpur	Electronics and Telecommunicati ons Engineering	Assistant Professor	India	9890922471	9890922471
Kartik Kailash Ingole	KDK college of Engineering	Electronics Engineering	Assistant Professor	India	08999657385	8999657385
Dr. Jyotsna Gawai	K. D. K. College of Engineering, Nagpur	Electronics and Telecommunicati on Engineering	Assistant Professor	India	09423634733	9423634733
Anjali Chitale	YCCE, Nagpur	Maths and	Assistant	India	8805004261	8805004261

		Humanities	Professor			
Dr.Sanjay M.Malode	KDK College of Engineering	AI&DS	Assistant Professor	India	9764441488	9764441488
Sandeep K Mude	KDK college of Engineering Nagpur	Electrical Engineering	Assistant Professor	India	9764002771	9764002771
Kiran Kimmatkar	VIT college UTI	Electrical engineering	Assistant Professor	India	9158989369	9158989369
Achal Mahakalkar	Yeshwatrao chavan college of engineering	Electronics and Telecommunicati on	Student	India	7218375822	7218375822
Dr. Prajakta U Waghe	YCCE,Nagpur.	Chemistry	Associate Professor	India	9823142770	9823142770
Dr.Prabhakar D. Khandait	K.D.K.College of Engineering, Nagpur	Electronics & Telecommunicati on Engineering	Professor	India	9028144773	9028144773
Dr. Archana M. Ramteke	K. D. K. College of Engineering, Nagpur	Basic Science and Humanities	Assistant Professor	India	9970573864	9970573864



**One Week Online FDP on
“Applications of Mathematics in Science
& Engineering : Social Impact”**

22nd to 27th AUGUST 2022

**AMSE
2022**



The Program is being organized by KDK College of Engineering under the Centenary Celebration of the -

Rashtrasant Tukdoji Maharaj Nagpur, University

**K.D.K. College of Engineering,
Internal Quality Assurance Cell (IQAC)
and Dept. of Basic Sciences & Humanities (KDKCE)**

Great Nag Road, Nandanvan, Nagpur.
(Accredited by NBA & NAAC)

In Association with



Our Patrons

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Vice Chancellor

Dr. Sanjay Dudhe
Pro - Vice Chancellor

Dr. Prashant Maheshwary
Dean, Science & Technology



Shri. Rajendra B. Mulak
Ex. Minister, Govt. of Maharashtra,
Secretary, BCYRC, Nagpur



Shri. Yashraj R. Mulak
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Principal, KDKCE



Dr. A. M. Badar
Vice Principal, KDKCE

Dr. G. H. Agrawal
H.O.D., Basic Science & Humanities

Dr. A. P. Fartode

Dr. N. R. Dhamge



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H.O.D. Dept. of Mathematics

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Dept. of Mathematics

Dr. P. B. Gour
Dept. of Chemistry

Organising Secretary

Dr. A. R. Dhoble
Dept. of Mathematics

Organising Committee Members

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H.O.D., Physics KDKCE

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Dept. of Physics, KDKCE

Dr. D. P. Jasudkar
Dept of Chemistry, KDKCE

Dr. T. R. Shelke
Dept. of Physics, KDKCE

Dr. A. M. Ramteke
Dept of Chemistry, KDKCE

Mrs. V. V. Bower
Dept of Humanities, KDKCE

Dr. M. P. Gandhi
In Charge First Year YCCE

Dr. Hemlata Wasnik
Dept. of Physics, YCCE

Dr. P. U. Waghe
Dept. of Appd. Chemistry, YCCE

Dr. M. Adak
Dept. of Appd. Mathematics & Humanities, YCCE

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H.O.D., Electrical Engineering

Dr. S. M. Malode
H.O.D, Artificial Intelligence & Data Science

Dr. P. D. Khandait

Dr. S. H. Bandhir



Eminent Speaker

Dr. G. D. Kedar

P.G.T.D., Nagpur

Dr. K. R. Pardasani

N.I.T., Bhopal

Dr. H. K. Nashine,

V.I.T., Vellore, Dept. of Mathematics

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Dr. Vijaykumar Manthana

Dept. of Mathematics,
Priyadarshini J. L. Chaturvedi College of Engineering, Nagpur

Dr. Pravin Bhad

Dept. of Mathematics.



About KDKCE

The Karmavir Dadasaheb Kannamwar 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. The college is NAAC & NBA Accredited

College has excellent infrastructure & Faculty members. It is 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 under graduate and postgraduate courses i.e two courses with seven branches of Engineering and three PG 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 Programs.

Objectives of FDP

- Main Objectives is to update & upgrade knowledge about Mathematical Science & their application in Sciences & Engineering.
- To promote the research with social focus.
- To provide an ideal platform & Opportunity for scientific community, academicians, industrialise all around the globe to interact about the latest development in the scientific & technical areas.
- To establish the connectivity with individuals & research groups.
- To provide strong orientation towards scientific research in the area of application of mathematics for development of society.

Registration Date

Start : 14th August 2022

End : 20th August 2022

Registration Fees

Research Scholars / Students : Rs. 100/-

Faculty members & Industry Persons : Rs. 200/-



ONE WEEK ONLINE FDP ON
“Application Of Mathematics In Science & Engineering: Social Impact “
Dept. of Basic Science & Humanities (KDKCE) In Association With YCCE
The Program is under the Centenary Celebration of
Rastrasant Tukdoji Maharaj Nagpur University
PROGRAM SCHEDULE 22nd To 27th August 2022

DAY-1, MONDAY, 22nd August 2022	
2.00 pm - 2.05 pm	Inaugural Session-1 With Floral Welcome
2.05 pm - 2.10 pm	Welcome and Brief about FDP by Convener: Prof. Mrs. S. S. Kshirsagar
2.10 pm - 2.15pm	Address by H.O.D. Basic Science & Humanities: Dr. G. H. Agrawal
2.15 pm - 2.25pm	Address by Vice Principal: Dr. A.M. Badar, KDKCE, Nagpur
2.20 pm - 2.30 pm	Speech By Principal: Dr. D. P. Singh KDKCE, Nagpur
2.25 pm - 2.55 pm	Speech By Chief Guest: Dr. Sajid Anwar, Chairman B.O.S., Appd. Sci. Hum. RTMNU
Vote of Thanks By Dr. K. Bajpai	
3.00 pm – 4.00 pm (Session-2)	Invited Talk: On “Bioinformatics & Computer Applications” By Dr. K. R. Pardasani – Prof. Dept. of Mathematics, MANIT, Bhopal (M.P.)
DAY-2, TUESDAY, 23rd August 2022	
2.00 pm - 3.00 pm (Session-1)	Invited Talk: On “Magnetic Effect In Conducting Thermoelastic Medium” By Dr. G.D Kedar , Prof. & Head, Dept. Of Maths, PGTD, RTMNU, Nagpur (M.S)
3.00 pm - 4.00 pm (Session-2)	Invited Talk: On “.....” By Dr. M. M. Mushrif – Prof., Dept. of ETC, YCCE, Nagpur (M.S.)
DAY-3, WEDNESDAY, 24th August 2022	
2.00 pm - 3.00 pm (Session-1)	Invited Talk: On “Statistical Analysis For Chemists” By Dr. R. M. Jugade , Dept. Of Chemistry, PGTD, RTMNU, Nagpur (M.S.)
3.00 pm - 4.00 pm (Session-2)	Invited Talk: On “Co-ordinate System Transformation using vector Properties & Its Significance in electromagnetic radiation” By Dr. M. P. Gandhi, H.O.D. of I st Year & Asst. Prof. Dept. of Physics , RKNEC, Nagpur (M.S)
DAY-4, THURSDAY, 25th August 2022	
2.00 pm - 3.00 pm (Session-1)	Invited Talk: On “Mat lab Programming.” By Dr. H. K. Nashine, P.D.F.(USA) Prof., Dept. of Maths, V.I.T. Vellor
3.00 pm - 4.00 pm (Session-2)	Invited Talk: On “Metrix Fixed Point theory: Background and Recent Advancements.” By Dr. R. P. Pant, Asso. Prof. Univ. of Johannesburg, South Africa.
DAY-5, FRIDAY, 26th August 2022	
2.00 pm - 3.00 pm (Session-1)	Invited Talk: On “Probability & Statistics: Hypothesis Testing” By Dr. V. R. Manthena, Asst. Prof., Dept. of Maths, P.J.L. C.O.E , Nagpur (M.S.)
3.00 pm - 4.00 pm (Session-2)	Invited Talk: On “Introduction to Fuzzy Set & Fuzzy Logic” By Dr. P. P. Bhad , Asst. Prof., Dept. of Maths, P.J.L. C.O.E , Nagpur (M.S.)
DAY-6, SATURDAY, 27th August 2022	
11.00am -12.00 noon	Invited Talk: On “Mathematical Models in thermal Biology” By Dr. Neeru Adlakha, Prof, Dept. of Appd. Mathematic & Humanities N.I.T., Surat
12.05 pm - 1.00 pm (Session-2)	VALEDICTORY & PROPOSE VOTE OF THANKS BY Dr. P.B. Gour
END OF PROGRAM	



Service To The Society Through Quality Tech. Education

K.D.K. College of Engineering

Internal Quality Assurance Cell (I.Q.A.C.)

& Dept. of Basic Sciences & Humanities (K.D.K.C.E.)

In Association with

YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

Dept. of Basic Sciences & Humanities, Nagpur

under the centenary celebration of

Rashtrasant Tukdoji Maharaj Nagpur University

One Week Online FDP on " Application of Mathematics in Science and Engineering: Social Impact " from 22nd – 27th August 2022

Certificate

This to certify that

Dr. Hemlata Vikrant Ganvir

Asst. Prof. & Head Dept. of Applied Physics, YCCE, Nagpur

Worked as an Organizing Committee Member in FDP organized by K.D.K. College of Engineering, Internal Quality Assurance Cell (IQAC), Department of Basic & Humanities K.D.K.C.E. & Department of Basic Science & Humanities Y.C.C.E. under the Centenary Celebration of Rashtrasant Tukdoji Maharaj Nagpur University from 22 August to 27 August 2022

Mrs. S. S. Krhisagar

Convener

H.O.D. Dept. of Mathematics, KDKCE

Dr. K. B. Bajpai

Co-Convener

Dept. of Mathematics, KDKCE

Dr. D. P. Singh

Principal,

KDKCE

Dr. A. M. Badar

Vice Principal,

KDKCE



AMSE
2022



KDK
GROUP OF
INSTITUTES



Invitation

Accredited by NAAC & NBA

K.D.K. College of Engineering

Internal Quality Assurance Cell (IQAC)

and Dept. of Basic Sciences & Humanities (KDKCE)

In Association with

YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

Dept. of Basic Sciences & Humanities

Nagpur

The Program is under the Centenary Celebration

Rashtrasant Tukdoji Maharaj Nagpur University,

organizes

One Week FDP

“Applications of Mathematics in Science & Engineering : Social Impact”

from 22nd to 27th AUGUST 2022

We Cordially Invite you for Online Inaugural Program at 2:00 p.m.

Our Patrons

Dr. Subhash Choudhary
Vice Chancellor

Dr. Sanjay Dudhe
Pro - Vice Chancellor

Dr. Prashant Maheshwary
Dean, Science & Technology

Shri. Rajendra B. Mulak
Ex. Minister, Govt. of Maharashtra,
Secretary, BCYRC

Shri. Yashraj R. Mulak
Treasurer,
BCYRC, Nagpur

Conference Chair

Dr. D. P. Singh
Principal

Our Chief Guest

Dr. Sajid Anwar
Chairman, Board of Studies,
Appd. Science & Humanities

Conference Co-Chair

Dr. A. M. Badar
Vice Principal

Convener

Mrs. S. S. Kshirsagar

Co- Convener

Dr. K. B. Bajpai
Dr. P. B. Gour

Organising Secretary

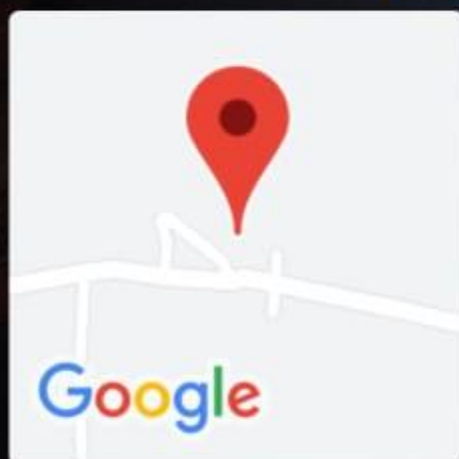
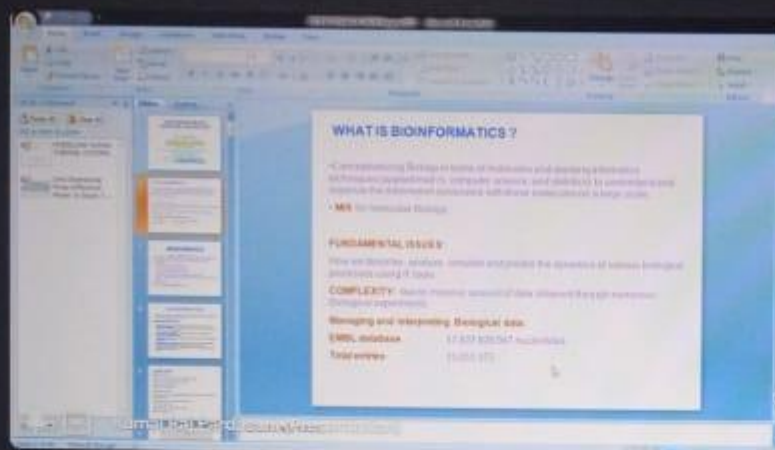
Dr. A. R. Dhoble

One Week FDP AMSE-2022 held at KDKCE from 22 nd August – 27 th August -2022

One week online Faculty Development Program on “ Applications of Mathematics in Science and Engineering: Social Impact ” was conducted by IQAC and Department of Basic Science & Humanities , KDKCE in association with YCCE , Nagpur under the Centenary Celebration of RTMNU.

Dr. Sajid Anwar , Chairman Board of Studies , Science & Technology , RTMNU was Chief Guest of Inaugural function. In his keynote speech he told the applications of Mathematics in different branches of Engineering and Life Sciences. Principal Dr. D. P. Singh thanked Hon'ble Secretary BCYRC & Ex. Minister Govt. of Maharashtra Shri Rajendraji Mulak for his support in organizing such events and said that KDKCE is Imparting Quality Technical Education Since 1984. Vice- Principal Dr. A. M. Badar , highlighted the presence of eminent speakers in this program. He added that the aim of this FDP is to bring together faculties , researchers and industry persons for exchange of ideas. HOD Basic Science & Humanities , Dr. G. H. Agrawal , said that this program will result in improved teaching learning process. Convener Mrs. S. S. Kshirsagar told that 118 participants from various states of India were registered for the program. Topics covered in this FDP by invited speakers were Fixed Point Theory , Thermo elasticity , Statistical Analysis for Chemist , Soft Set Theory , Fuzzy Sets and Fuzzy Logic , Mathematical Modeling in Thermal Biology , Bio-Informatics in Computer Applications etc. Sessions were conducted by Organizing Secretary , Dr. A. R. Dhoble. Report of this One Week FDP was presented in the Valedictory function by Co-convener Dr. K. B. Bajpai. Vote of thanks was proposed by Co-convener Dr. P. B. Gour. The program was compered by Prof. Venus Bower.

Kamal Raj Pardasani is presenting

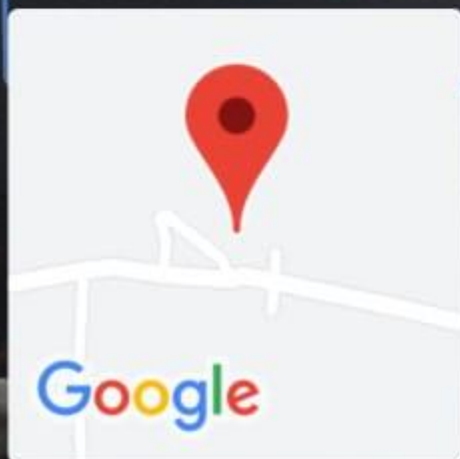
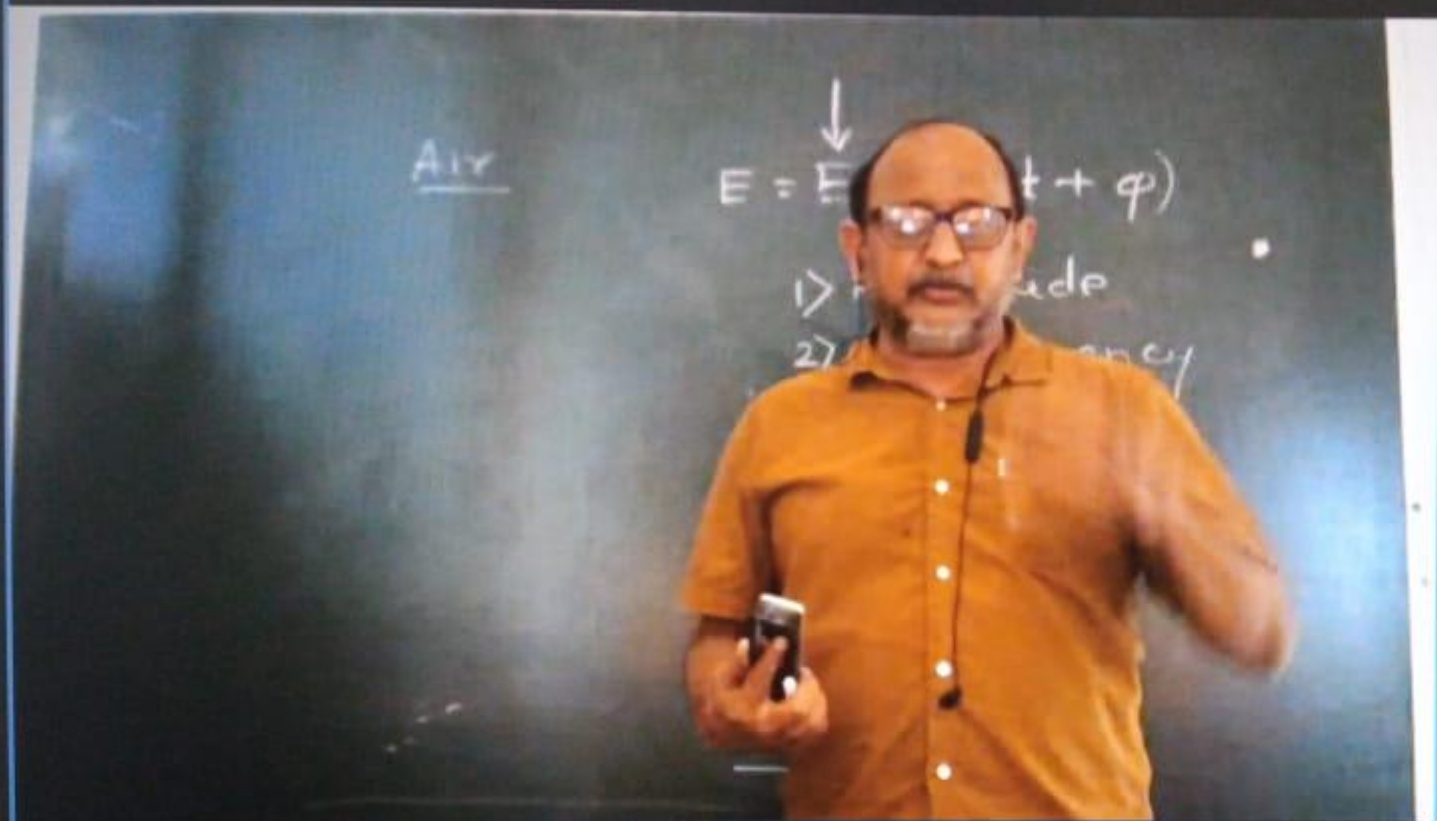


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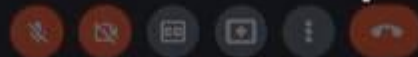
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Dr Hemant Kumar Nashine is presenting

Basic arithmetic Operations

- A scalar is a 1×1 matrix.
- A row vector of length (say 5) is a 1×5 matrix.
- A column vector of length (say 5) is a 5×1 matrix.
- MATLAB can work as a calculator.
- The below table summarizes the arithmetic operators available in MATLAB.

Operator	Description	Operation Description
+	Addition ($a+b$)	Right division (a/b)
-	Subtraction ($a-b$)	Left division (a/b)
*	Multiplication ($a*b$)	Exponentiation (a^b)
./	Right division ($a./b$)	
.\	Left division ($.\backslash a$)	
^	Exponentiation (a^b)	

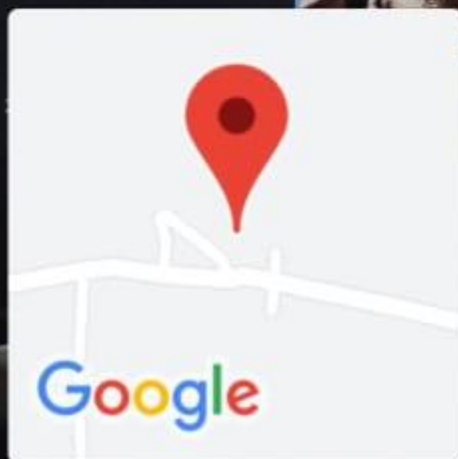


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One Week Online Faculty Development Program (FDP) on
"Applications of Mathematics in Science & Engineering : Social Impact"

22ND - 27TH AUGUST 2022



NRA & NAAC ACCREDITED



**VALEDICTORY
FUNCTION**

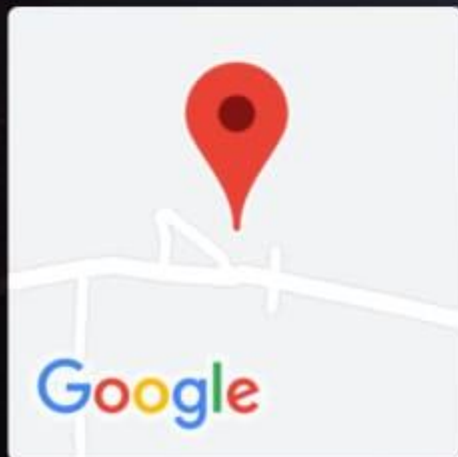
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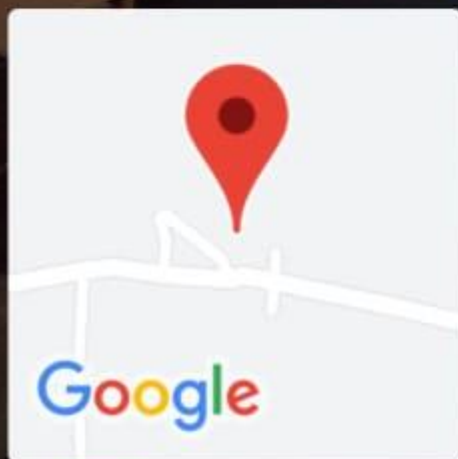


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