

Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal

Accredited with 'A' Grade by NAAC



Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Accredited with 'A' Grade by NAAC, established in the year of 1998 is truly a picture of modernization offering learner centric programmes in Engineering, Pharmacy, Architecture & Management. University is sprawled over a vast campus of 241.4 acres, marching towards development into a center of Excellence in the arena of Technical Education, Research and Innovations. Under its umbrella there are 05 UTD's 188 affiliated Engineering colleges, 69 pharmacy colleges, 25 MCA colleges and 05 Architecture colleges imparting graduate level instructions running 23 under graduate level courses & 84 post graduate level courses. Situated amidst an aesthetic and hilly surrounding, The university also offering Ph.D. in 8 faculties.

RGPV has been selected by ministry of human resource development (MHRD) as one of the affiliating technical universities (ATUs) among 10 across the country for receiving TEQIP-III Grant. The main objective of Faculty Development Programmes (FDP) is to improve quality and equity in engineering teachers in order to upgrade the knowledge, enhancing research and teaching skills.

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2. Dr. S.C. Choube, *TEQIP-III Coordinator*
3. Shri R. S. Sharma, *Hon'ble Chairman, SRGOC*

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5. Dr. R. K. Chaturvedi, *Professor, Dept. of EE, SRCEM*

Coordinators

1. Dr. S. K. Agrawal, *Director, SRCEM*
2. Dr. Abhishek Jain, *Director (R&D)*
3. Dr. S. K. Sharma, *Director (S&FW)*

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1. Prof. C. S. Koli, HOD ME
2. Prof. B. M. Saxena
3. Prof. Sanjay Batele
4. Prof. Amit Shrivastava
5. Prof. Shashank Saxena
6. Prof. Amit Agrawal
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8. Prof. H. P. Tripathi
9. Prof. Vinod Rathore
10. Prof. Vipin Dandotiya
11. Mr. Nitesh Jain

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STTP

On

Anslys Mechanical & CFD

April 3-5, 2020

Organized by

Rajiv Gandhi Proudyogiki Vishwavidyalaya

Under

TEQIP-III

at



Department of Mechanical Engineering
Shri Ram College of Engineering & Management, Banmore

National Expressway, Opp : Narrow
Gauge Railway Station, Banmore - 476 444,
Near Gwalior (MP) info@srgoc.org,

www.srgoc.org

Course Objectives

Computational fluid dynamics is extensively used in research and industry to solve complex fluid flow and heat transfer problems. Development of high performance computing and numerical algorithms helps use of CFD&Ansys in various basic and applied sciences. CFD is used in simulating range of fluid flow problem including whether prediction to bio science. It has generally influenced product development cycle in automotive and aerospace industry. Course focuses lectures and practical sessions on the CFD and Heat Transfer. In this STTP, experts from reputed organizations will deliver lectures in basics of CFD and advanced applications. In addition, there will be practical training using Ansys, CFD software. Participants will get hands on training simulating real life problems. On completion of this programme, the participants will be able to -

- Familiarise students with the basic steps and terminology associated with CFD.
- Understanding of the conservation laws applied to fluid motion and heat transfer and basic computational methods.
- Use CFD &Ansys software independently.
- Develop an awareness of the power and limitations of CFD&Ansys.
- Know the possible applications and research areas.

About organizing Institute & Department



ShriRam College of Engineering & Management (SRCEM) was established in 1998 by "DayalSevaEvamShikshaSamiti, Morena". Since inception, SRCEM is endeavouring for the quality and excellence in technical education. Within a short span of time, SRCEM has earned reputation not only in the Gwalior-Chambal region but also in the entire state of Madhya Pradesh. In true sense, it has become a synonym of excellence in the field of technical education which is evident from the fact that a large number of students are securing high merit positions in the State University (RGPV) examination every year.

Mechanical Engineering Department is one of the oldest & biggest departments of the Institute. The Department is committed to well-being and all round development of its students. It offers B.Tech. in Mechanical Engineering and M.Tech. Program in Thermal System & Design. It has qualified faculty members, state of art laboratories and infrastructures. Continuing Education programs and customized training/workshops are being organized for UG students, PG Scholar & industry personnel on regular basis. Establishment of ANSYS Mechanical & CFD Laboratory, CNC Machine Centre and Wind Tunnel Students participated in a Ultra Golf Kart Championship and won remarkable prizes.

Registration & Accommodation

1. There is no Registration Fee
2. Limited Accommodation is available in college Hostel on first come first serve basis

<http://teqip.rgpv.ac.in/Events/EventsHome.aspx>

Registration Form

Rajiv Gandhi Proudyogiki Vishwavidyalaya
Bhopal

STTP

On

Ansys Mechanical & CFD

April 3-5, 2020

Under

TEQIP-III

1. Venue: ShriRam College of Engineering & Management, Banmore
2. Name:.....
3. Designation:.....
..
4. Organization:.....
5. Phone No.:
6. Email ID:
7. Accommodation required (Y/N):.....

Signature of Applicant with Date

Signature

(Sponsoring Authority)