

**Minutes of Meeting with Hon'ble Director, AIIMS Raipur held on
May 2, 2023 (Tuesday) at 02.00 PM in
Committee Room, 1st Floor, Medical College Building, AIIMS Raipur**

The second meeting with IIT Bhilai was held on 02.05.2023 at 2 PM in the Committee Room, Medical College Building, AIIMS Raipur to discuss on various mutual research collaboration and joint degree programmes.

The following attended the meeting:

1. Prof. (Dr.) Nitin M Nagarkar, Director and CEO, AIIMS Raipur
2. Prof. Rajeev Prakash, Director, IIT Bhilai
3. Prof. (Dr.) Alok Chandra Agrawal, Dean (Academics), AIIMS Raipur
4. Dr. Atul Jindal, Registrar, AIIMS Raipur
5. Prof. (Dr.) Debendra Tripathi, Professor and Head, Trauma and Emergency, AIIMS Raipur
6. Prof. (Dr.) Renu Rajguru, Professor and Head, Department of ENT, AIIMS Raipur
7. Prof. (Dr.) Nighat Hussain, Professor, Department of Pathology, AIIMS Raipur
8. Dr. Sanjay Negi, Additional Professor, Department of Microbiology, AIIMS Raipur
9. Dr. Manish Raghani, Additional Professor, Department of Dentistry, AIIMS Raipur
10. Dr. Harshal Sakale, Associate Professor, Department of Orthopedics, AIIMS Raipur
11. Dr. Amritava Ghosh, Associate Professor, Department of Endocrinology, AIIMS Raipur
12. Dr. Rakesh Gupta, Assistant Professor, Department of Pathology, AIIMS Raipur
13. Dr. Pugazhenthian T, Assistant Professor, Department of Pharmacology, AIIMS Raipur
14. Dr. Jose Immanuel, Assistant Professor, IIT Bhilai
15. Dr. Ramasamy Mayilmurugan, Assistant Professor, IIT Bhilai
16. Dr. Anand M Baswade, Assistant Professor, IIT Bhilai
17. Dr. Avishek Adhikary, Assistant Professor, IIT Bhilai
18. Dr. Suchetan Pal, Assistant Professor, IIT Bhilai
19. Dr. Archana Tiwari, DST Scientist, IIT Bhilai
20. Dr. Rukmankesh, Assistant Professor, IIT Bhilai

In the opening remarks, Prof. (Dr.) Nitin M Nagarkar, Director, AIIMS Raipur welcomed Prof. Rajeev Prakash, Director, IIT Bhilai, Faculty Member of IIT Bhilai and Faculty Members of AIIMS Raipur. With the permission of Director, AIIMS Raipur, the following faculty members presented their presentations before the members for mutual research collaborations

Presentation for New Projects

S.No.	Name	Institute	Topic
1	Dr. Pugazhenthana T	AIIMS Raipur	Handy low-cost lithium estimator for community psychiatrist.
2	Dr. Sanjay Negi	AIIMS Raipur	Biosensor based detection of high risk HPV genotypes causing oral and cervical cancer.
3	Dr. Harshal Sakale	AIIMS Raipur	AI App to predict hip dislocation following THR.
4	Dr. Alok Chandra Agrawal	AIIMS Raipur	1. Interlocking Screw for Fracture Patella 2. Antibiotic in impregnated nail
5	Dr. Suchetan Pal	IIT Bhilai	Smart Needleless Insulin
6	Dr. Rakesh Gupta	AIIMS Raipur	Development of sensor-based alarm app for Histoprocessor machine
7	Dr. Anand M Basawade	IIT Bhilai	Tele-presence, Telemedicine mobile healthcare

During the discussion, Director AIIMS Raipur inquired about the progress of the presentations presented in the last meeting. Director, IIT Bhilai informed that the team has already started working on the projects

Presentation on Progress of Projects discussed in last meeting.

S.No.	Name	Institute	Topic	Progress
1	Prof. (Dr.) Debendra Tripathi	AIIMS Raipur	AI Powered Decision Support System for Trauma and Emergency Patients	Prof. (Dr.) Debendra Tripathi informed that a team from IIT Bhilai has visited AIIMS Raipur multiple times for discussion on the same

2	Dr. Suchetan Pal	IIT Bhilai	Smart Needleless Insulin	Dr. Suchetan Pal is coordinating with Dr. Amritava Ghosh, Associate Professor, Department of Endocrinology
3	Dr. Anand M Basawade	IIT Bhilai	Tele-presence, Telemedicine mobile healthcare	Dr. Atul Jindal and Dr. Anand M Basawade is already started working on the same

During the discussion, the matter of funding of projects was also raised. Prof. Rajeev Prakash suggested that if there will be issue in extramural funding, than the funding can be done either by the institute or jointly by AIIMS Raipur and IIT Bhilai.

Director, IIT Bhilai informed that IIT Bhilai has started PhD and MTech in Bioscience and Biomedical Engineering. The admission for the 1st Batch of MTech in Bioscience and Biomedical Engineering with annual intake of 10 students will start from July 2023 onwards. He expressed that support from AIIMS Raipur for teaching and training of these students will be needed. Prof. (Dr.) Alok Chandra Agrawal, Dean (Academics) informed that we have already circulated the topics to be taught among the faculties of AIIMS Raipur and many has shown their interest for teaching. The list of topics is also shared with IIT Bhilai team. Director, AIIMS Raipur said to share the minute to minute teaching schedule, training module and subject hours so that the teaching slot may be finalized as per the convenience. Prof. Rajeev Prakash also informed that honorarium will be provided by IIT, Bhilai to faculty members who will teach from AIIMS Raipur. The teaching will be conducted at AIIMS Raipur, however, if the faculty of AIIMS Raipur will visit IIT for teaching, travelling allowance/ travelling arrangements will also be paid. Prof. Rajeev Prakash also informed that the degree of this course will be issued by IIT Bhilai this time, but if AIIMS desires it will be converted to Joint Course in future. Director, IIT Bhilai also suggested to start more Joint Degree Programme with mutual collaboration. Director, AIIMS Raipur agreed for same and suggested to discuss the matter in forthcoming staff council meeting.

Prof. (Dr.) Alok Chandra Agrawal invited the Director IIT Bhilai and his team in his Operation Theatre on any Monday to see the sample of plates, screws, nuts and other equipment used in the surgery and 15th May 2023 was decided for the visit of Prof. Rajeev Prakash, Director, IIT Bhilai and Dr. Jose Immanuel, Assistant Professor, IIT Bhilai. It was also decided to schedule the next meeting on 08th June 2023 to finalize the course curriculum, teaching schedule etc. of MTech in Bioscience and Biomedical Engineering.

More work in the direction of patent was also discussed and it was decided that the project of Prof. (Dr.) Alok Chandra Agrawal, Interlocking Screw for Fracture Patella, will be taken for immediate patent as a combined project of AIIMS Raipur and IIT Bhilai

The meeting ended with the thanks to the house.

Handwritten signature and date:
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