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**Architects, Engineers &  
Surveyors' Association**

1199/B, YBC Building, F. C. Road, Shivajinagar, Pune 411004. Phone 25511552, 25510671  
Email: [aesapune@dataone.in](mailto:aesapune@dataone.in), [aesapune@gmail.com](mailto:aesapune@gmail.com) Website : [aesapune.org](http://aesapune.org)





## I.O.C.L. R&D Center Petrochemical & Polymer Lab

THE POLYMER LAB BUILDING HAS BEEN CONSTRUCTED FOR HOUSING THE EQUIPMENT AND MACHINERY RELATED TO RESEARCH AND DEVELOPMENT WORK IN PETROCHEMICALS AND POLYMERS AND A FEW LABS RELATED TO NANO TECHNOLOGY. IT IS A STATE-OF-THE-ART POLYMER / PETROCHEMICAL R & D CENTRE WITH SOUND SAFETY FEATURES, ENERGY EFFICIENT AND ENERGY CONSERVING LABS, WITH THE WIND TOWER BEING THE HIGHLIGHT OF THE PROJECT. SEVERAL MEASURES HAVE BEEN TAKEN FOR SOIL CONSERVATION, REDUCE AIR POLLUTION, RENEWABLE ENERGY UTILIZATION, WASTE WATER TREATMENT, WATER RECYCLE AND RE-USE ETC.



Project  
Category  
Architect  
Structural Consultant  
Constructor  
Owner / Developer  
Electrical Consultant  
Landscape Designer  
Associate Architect  
H.V.A.C.  
P.M.C.  
Utility & Gas Piping

Petrochemical & Polymer Lab at I.O.C.L., R & D Center  
Outside Pune District  
Ar. Hemant Mahajan Ar. Prashant Shah Group Phi Architects & Designers  
Sunil Mutalik, Sunil Mutalik & Associates  
Mr. Mittal, B. L. Kashyap, New Delhi  
Mr. Shyamsundar Khanna ( C.P.J.M. )  
Milind Ghate, Pranav Enterprises  
Studio A.T.K. Delhi  
Vijay Kulkarni, M/s. ATKV Consultants  
Dhananjay Sinnarkar  
Group Phi  
Mr. Ashutosh Kulkarni, Ate Engineering





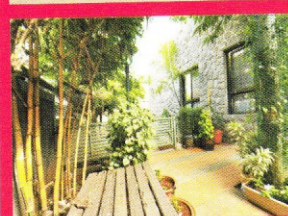
# Praj Matrix

THE INNOVATION CENTRE IS DESIGNED ALONG THE PRINCIPLES OF SUSTAINABILITY, WITH THE GOALS OF PROVIDING ECO-FRIENDLY SOLUTIONS. LOCATED IN THE PICTURESQUE VALLEY NEAR PIRANGUT, NEAR PUNE, THE CENTRE HAS VARIOUS BLOCKS WHICH HOUSE ADMINISTRATION, TRAINING ROOMS, LABORATORIES, CLEAN ROOM, BENCH SCALE PLANTS AND BIO PRODUCTS MANUFACTURING FACILITY AND AUDITORIUM. THE PREMISES BOAST OF A ZERO DISCHARGE EFFLUENT TREATMENT PLANT AND SEWAGE TREATMENT PLANT.

Project  
Category  
Architect  
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Electrical Consultant  
Landscape Designer  
H.V.A.C.  
P.M.C.

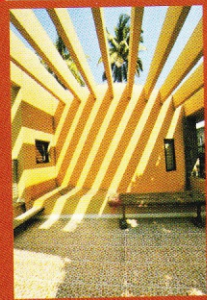
Praj Matrix - The Innovation Center  
Non Residential  
Ar. Hemant Mahajan Ar. Prashant Shah Group Phi Architects & Designers  
Sunil Mutalik, Sunil Mutalik & Associates  
Anupkumar, Millenium Engineers & Contractors Pvt. Ltd.  
Praj Matrix, Aniruddha Tambe ( Project Manager )  
Milind Ghate, Pranav Enterprises  
Ravi & Varsha Gavandi  
Dhananjay Sinnarkar  
Ar. Rajeev Ambekar, Triumph Consultants





# Gulmohor

DERIVING ITS NAME FROM A GULMOHUR TREE ON THE SITE, THE BUNGALOW WAS RENOVATED AND SEVERAL ADDITIONS AND ALTERATIONS WERE DONE TO THE EXISTING BUNGALOW TO REMOVE ALL THE SHORTCOMINGS AND DRAWBACKS. EFFICIENT USE OF INDOOR AND OUTDOOR LIGHTING SYSTEM AND INNOVATIVE PLACING OF WINDOWS FOR CROSS VENTILATION ARE THE HIGHLIGHTS OF THE PROJECT. MAXIMUM USE OF NATURAL MATERIALS AND INTEGRATION OF INDOOR AND OUTDOOR SPACES ARE A FEW OF THE INNOVATIVE SOLUTIONS USED FOR THE NATURE LOVING FAMILY OF THREE GENERATIONS.



Project  
 Category  
 Architect  
 Structural Consultant  
 Constructor  
 Owner / Developer  
 Landscape Designer  
 Interior Designer

Gulmohar Bungalow  
 Residential for Bungalow  
 Ar. Hemant Mahajan Ar. Prashant Shah Group Phi Architects & Designers  
 Sunil Mutalik, Sunil Mutalik & Associates  
 Srikant P. Sewak, Omkar Constructions  
 Mr. V. S. Humnabadkar  
 Ravi & Varsha Gavandi  
 Group Phi