



OFFICE OF THE PRINCIPAL GOVT. POLYTECHNIC COLLEGE HARSUD.
DISTRICT : KHANDWA [M.P.] 450116 (Eklavya Yojna .Co-ed)

NO /DESIGN/RTGS/7/-1030-- 1030

HARSUD, DATED:- 12 / JULY /2021

{CIVIL ENGINEERING DEPARTMENT}

NAME OF AUTHORITY: EXECUTIVE ENGINEER, PWD, (B&R) DIVISION, KHANDWA (M P)/JOINT DIRECTOR CBSC
THROUGH -- PRINCIPAL ,ST. JOSEPH'S CONVENT , SENIOR SECONDARY SCHOOL KHANDWA (M P)

NAME OF WORKS: CHECKING OF STRUCTURAL STABILITY / SUITABILITY, BUILDING SAFETY & STRENGTH OF THE
EXISTING G+2 FLOOR SCHOOL STRUCTURES FOR THE REQUIREMENT OF CBSE AFFILIATION
EXTENSION OF THE ST. JOSEPH'S CONVENT, SENIOR SECONDARY SCHOOL, KHANDWA (MP)

REFERENCE NO Q1 /ST. J.CON SCHOOL /BUILDING / 2021-22 / KHANDWA DATED: 10 /JULY/2021

IN THE REFERENCE OF ABOVE MENTION LETTER FIND. A TEAM OF CIVIL ENGINEERING
DEPARTMENT FROM GOVERNMENT POLYTECHNIC COLLEGE HARSUD INSPECTED & VISITED THE ST JOSEPH'S
CONVENT, SENIOR SECONDARY SCHOOL KHANDWA HEADED BY PRINCIPAL Er.R S SISODIYA (M Tech) DURING
INSPECTION FOLLOWING PERSONS WERE ALSO PRESENT

- (01) Er. NAMRATA SINGH,M.E.,(HOD CIVIL SDITS ENGG COLLEGE & REGD.STRUC. ENG MUN. COR. KHANDWA)
- (02) Er. SAUMYA JAIN,B.E.(CIVIL) M.PLAN. (URBAN), VALUER & CONSULTANT , KHANDWA (M.P)
- (03) Er SALONI SISODIYA ,M.Tech. (STRUCTURE) INDORE
- (04) PRINCIPAL,SISTER SHINI MATHEW, MANAGER MARY REGINI KOMOROTH & STAFF OF THE
CONVENT.SCHOOL

THE TEAM INSPECTED & TESTED THE ADMINISTRATIVE BUILDING, HSS BUILDING , AUDIO VISUAL LAB
KG SECTION ,DIFFERENT LABS, PRIMARY SCHOOL BUILDING, SISTERS RESIDENCE, OF St. JOSEPH'S SCHOOL
THERE ARE SOME OLD STRUCTURES & SOME NEW ONE. THE PERIOD OF CONSTRUCTION WAS 1970, 1987, 1984
2007, & 2011. ALL BUILDINGS ARE IN A CAMPUS SURROUNDED WITH BOUNDARY WALL.

THE OLD SCHOOL BUILDING IS G+2, FLOOR I/C TERRACE FLOOR WHICH IS COVERED WITH
GALVANIZED COLOUR PROFILE SHEET .THE SCHOOL IS IN RUNNING CONDITION WITH FULL STRENGTH SINCE
1986 SOME FIELD TESTS & NDT TEST WERE ALSO PERFORMED BY THE COLLEGE TEAM AT MAIN LOADING
LOCATIONS RANDOMLY & FOUND GOOD IN STRENGTH. THE OLD BUILDING IS A LOAD BEARING WALL
STRUCTURE HAVING THICK SUPPORTED WALLS RESTING OVER A HARD STRATA .IT HAS FLAG STONE FLOORING
& (FLAG STONE) GIRDER FARSHI ROOF ALL ROOMS ARE HAVING SUFFICIENT LIGHT & WELL VENTILATION .IT IS
REPLASTERED & COLORED TIME TO TIME.

OTHER NEW BUILDINGS ARE RCC G+2 FLOOR FRAMED STRUCTURE, HAVING VITRIFIED FLOOR TILES .IT
HAS STAIRCASE TO ACCESS THE NEXT FLOORS .OVER ALL CONDITION OF CONSTRUCTION IS GOOD IT IS WELL
MAINTAINED. BUILDING WHICH IS REPAIRED TIME TO TIME AS PER REBOUND HAMMER TEST THE AVERAGE
STRENGTH OF COLUMN & OTHER RCC STRUCTURE IS 200 KG/SQCM OF MORE

*** FINAL CONCLUSION ***

THE STRUCTURE IS SUITABLE FOR TAKING THE LIVE LOAD & DEAD LOAD OF ALL FLOORS .THE WHOLE
BUILDING IS SUFFICIENTLY STRONG & GOOD IN STRENGTH .SO ALL BUILDINGS (RELATED TO SCHOOL ACTIVITY)
IS SUITABLE FOR SCHOOL PURPOSE .IT IS SAFE & SUITABLE FOR NEXT 05 YEARS (2026) OLD BUILDING & 15
YEARS FOR NEW BUILDINGS WITH REGULAR MAINTENANCE .A BUILDING SAFTY CERTIFICATE CAN BE ISSUED

WITH PROFFESIONAL REGARDS

ENCLOSED BILL /OLD MAPS

PRINCIPAL
St. Joseph's Convent
Hr. Sec. School
KHANDWA (M.P.)

MANAGER
St. Joseph's Convent
Hr. Sec. School
KHANDWA (M.P.)

PRINCIPAL
Govt. Polytechnic
College Harsud
(Eklavya Scheme, Co. ed)
GOVT POLYTECHNIC, COLLEGE HARSUD, KHANDWA (M P)